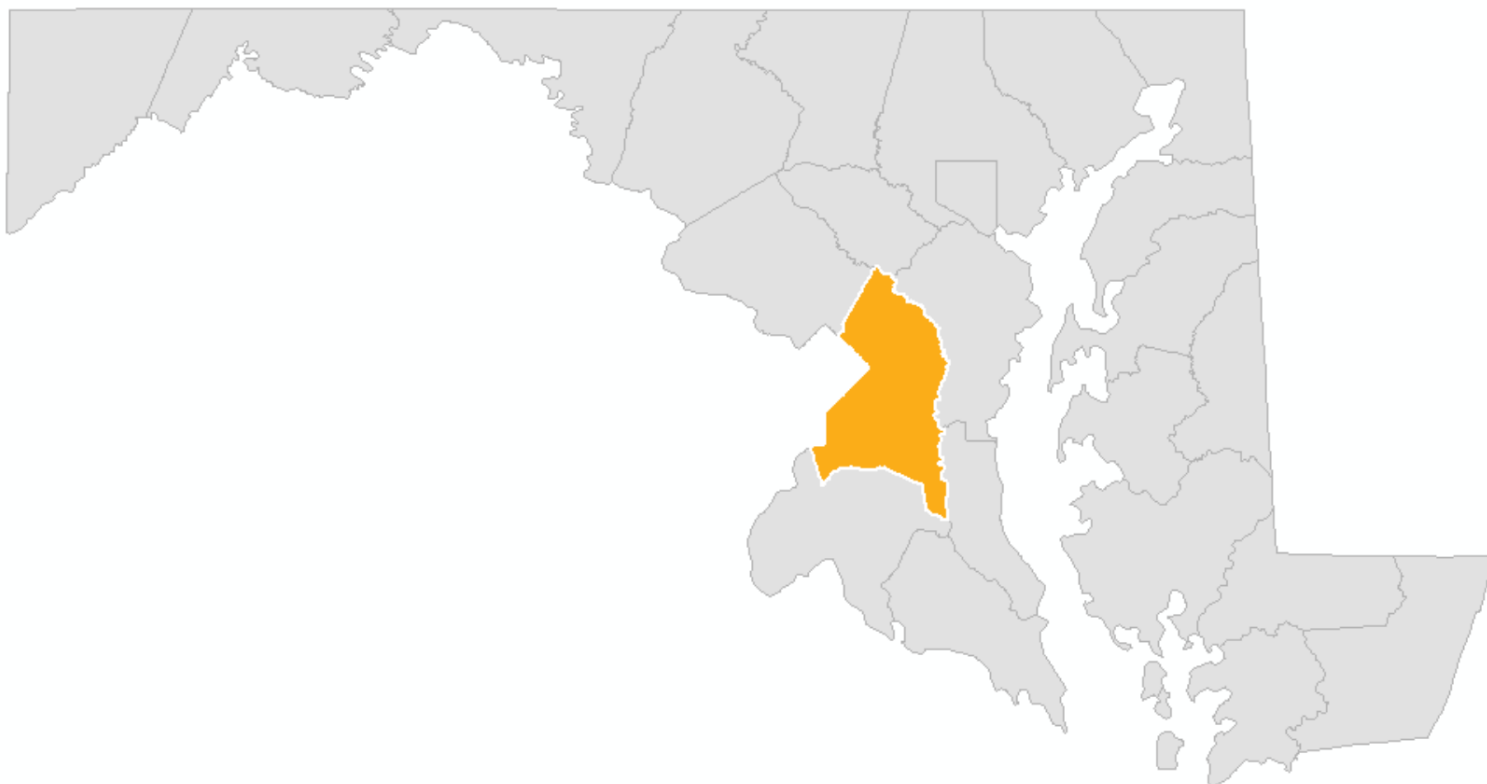


2017



Prince George's County Annual HIV Epidemiological Profile

Data reported through June 30, 2018



MARYLAND
Department of Health

Center for HIV Surveillance, Epidemiology and Evaluation
Infectious Disease Prevention and Health Services Bureau
Prevention and Health Promotion Administration
<http://phpa.health.maryland.gov/OIDEOR/CHSE>
1-800-358-9001

Acknowledgements

This report is published by The Center for HIV Surveillance, Epidemiology and Evaluation (CHSEE). This report would not have been possible without the cooperation, dedication and hard work of HIV health care providers, local health departments, community groups, researchers, and members of the community.

This report was prepared by the following CHSEE staff: Alyssa Arey, Morgan Boyer, James Carrier, Colin Flynn, Molly Gribbin, Veronica Hart, Trevor Hsu and Jami Stockdale.

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Suggested Citation

Prince George's County Annual HIV Epidemiological Profile 2017. Center for HIV Surveillance, Epidemiology and Evaluation, Maryland Department of Health, Baltimore, MD. 2018.

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Section I – Background Information

HIV/AIDS Reporting Requirements

The Maryland HIV/AIDS Reporting Act of 2007 went into effect on April 24, 2007. The law expanded HIV/AIDS reporting and required that HIV cases be reported by name. The following highlights the reporting requirements of Health-General Articles 18-201.1, 18-202.1, and 18-205 of the Annotated Code of Maryland, as specified in the Code of Maryland Regulations (COMAR) 10.18.02.

- Physicians are required to report patients in their care with diagnoses of HIV or AIDS immediately to the Local Health Department where the physician's office is located by mailing the Maryland Confidential Morbidity Report (DHMH 1140). Reports are also accepted by phone.
- Physicians are required to report infants born to HIV positive mothers within 48 hours to the Maryland Department of Health by mailing the Maryland Confidential Morbidity Report (DHMH 1140). Reports are also accepted by phone.
- Clinical and infection control practitioners in hospitals, nursing homes, hospice facilities, medical clinics in correctional facilities, inpatient psychiatric facilities, and inpatient drug rehabilitation facilities are required to report patients in the care of the institution with diagnoses of HIV or AIDS within 48 hours to the Local Health Department where the institution is located by mailing the Maryland Confidential Morbidity Report (DHMH 1140). Reports are also accepted by phone. Facilities with large volumes are encouraged to contact the Maryland Department of Health to establish electronic reporting.
- Laboratory directors are required to report patients with laboratory results indicating HIV infection (e.g., positive confirmatory HIV diagnostic tests, all CD4 immunological tests, all HIV viral load tests, and all HIV genotype and phenotype tests) within 48 hours to the Local Health Department where the laboratory is located, or if out of state to the Maryland Department of Health, by mailing the State of Maryland HIV/CD4 Laboratory Reporting Form (DHMH 4492). Laboratories are encouraged to contact the Maryland Department of Health to establish electronic reporting.

Reporting forms and instructions, including mailing addresses and phone numbers, are available on our website: <https://phpa.health.maryland.gov/OIDEOR/CHSE/Pages/reporting-material.aspx>

For Assistance with HIV/AIDS Reporting

For assistance with reporting, including establishment of routine, electronic, or other alternate methods of reporting to the Maryland Department of Health, please contact the Center for HIV Surveillance, Epidemiology and Evaluation in the Maryland Department of Health at 410-767-5227.

Limitations in the HIV/AIDS Data

This epidemiological profile only contains data for HIV and AIDS cases that have been diagnosed by a health care provider, were reported to the health department by name, and were residents of Maryland at the time of diagnosis or are current residents of Maryland as of December 31, 2017. The most recent Centers for Disease Control and Prevention (CDC) estimate of the number of people living with undiagnosed HIV infection is 14.5 percent for the United States and 14.0 percent for Maryland in 2015. Using the CDC CD4 depletion model on Maryland surveillance data, the estimated number of people living with undiagnosed HIV infection in Maryland is 11.6 percent in 2016. Surveillance is the ongoing systematic collection, analysis, interpretation, and dissemination of case report data. Case report data are only available for cases receiving medical care, often only at facilities in Maryland, and only includes information that has been reported to the health department. Linkage to care data is based solely on laboratory data reported to the health department.

This epidemiological profile provides estimates of living Maryland diagnosed cases by current residence as of December 31, 2017. Residence at diagnosis and age at diagnosis are used exclusively to describe new HIV and AIDS diagnoses. Current residence data are restricted to cases for which there is a case report form or laboratory test reported since January 1, 2009. Restricting address data to recent years presents the most accurate data available and helps to account for cases that may have moved out of state whose data would no longer be reported in Maryland. However, current residence data excludes cases that may still be residents of Maryland but have not received any HIV care during

the most recent nine and a half years. In addition, residence is dynamic and cases may have resided at multiple addresses that cannot all be represented in single time point estimates.

This epidemiological profile contains data for transgender HIV and AIDS cases that have been diagnosed by a health care provider, were reported to the health department by name, and were residents of Maryland at the time of diagnosis or are current residents of Maryland as of December 31, 2017. Historically, it has been difficult to fully present data by current gender identification. Data on transgender people has been limited in the Maryland Department of Health's Enhanced HIV/AIDS Reporting System (eHARS). No reliable system exists for collecting or reporting gender identity and some agencies do not collect or have complete data on gender identity. This report is likely underreporting the number transgender HIV and AIDS cases because of challenges in accurately identifying and reporting gender identity in HIV surveillance.

Lastly, the completeness of reporting for race/ethnicity is variable in surveillance data. Definitions of race/ethnicity categories may vary across agencies and some agencies do not collect or have complete data on race/ethnicity. This report may be overreporting the number of Multiracial HIV and AIDS cases because of challenges in accurately identifying and reporting race/ethnicity in HIV surveillance.

For additional information regarding current residence, please contact the Center for HIV Surveillance, Epidemiology and Evaluation in the Maryland Department of Health at 410-767-5227.

Stages of a Case of HIV/AIDS

Untreated HIV disease progresses from HIV infection to AIDS to death. These are biological events that occur whether or not a person receives any medical care. For example, a person can be HIV infected but never have an HIV test and so they do not have an HIV diagnosis. A medical provider diagnoses that these biological events have occurred and records them as a medical event. The law requires medical providers to report these medical events to the Health Department, thereby creating a surveillance event.

Time Point	Biological Event	Medical Event	Surveillance Event
1	HIV Infection		
2		HIV Diagnosis	
3			HIV Report
4	AIDS Conditions		
5		AIDS Diagnosis	
6			AIDS Report
7	Death		
8		Death Diagnosis	
9			Death Report

A case of HIV/AIDS can only move through time in one direction, from HIV infection to death report [from time point 1 to time point 9], but may skip over individual stages. Events can occur simultaneously, but usually there is a time lag between them. The time lag between events can be measured in days, months, and years.

For example, the time between HIV infection [time point 1] and the test that diagnoses HIV [time point 2] may be several years, and it may then take several days for the laboratory and physician to report the diagnosis to the health department [time point 3]. In a second example, a person with diagnosed and reported HIV infection [time point 3] may die [time point 7] without developing AIDS, thereby skipping the three AIDS events (conditions, diagnosis, and report [time points 4, 5 and 6]). And in a third example, a person with undiagnosed HIV infection [time point 1] may become sick, enter the hospital, and die [time point 7] of what is later determined to be AIDS. In that situation, HIV diagnosis [time point 2], AIDS diagnosis [time point 5], and death diagnosis [time point 8] would all occur at the same time, and that would probably be many years after the initial HIV infection [time point 1].

Changes in Case Terminology

The terminology for HIV and AIDS cases was changed from earlier epidemiological profiles to be more precise, with Reported Diagnoses replacing Incidence and Living Cases replacing Prevalence. Incidence is a measure of the number of new events (such as HIV infections) in a population during a period of time. Prevalence is a measure of the number of people living with a condition (such as HIV) in a population at a certain time. Prevalence includes both newly and

previously diagnosed cases as well as undiagnosed infections. For HIV, Incidence and Prevalence cannot be directly measured and must be estimated using statistical methods. The HIV surveillance system is able to provide the actual number of diagnoses and deaths that are reported in the population.

For this epidemiological profile, reports received through a certain time (six months after December 31st of the specified year) are used to generate the number of diagnoses during the prior years. This lag time allows for delays in reporting and time to complete investigations. Instead of the previous one-year lag, this epidemiological profile utilizes a six-month lag, and as a result, data on exposure category and deaths for the prior year are preliminary. For example, the Reported HIV Diagnoses for 2017 are the total of the reported HIV cases with or without an AIDS diagnosis, diagnosed with HIV from January 1, 2017 through December 31, 2017, as reported by name through June 30, 2018.

To calculate the number of Living Cases we count all Reported Diagnoses from the beginning of the epidemic (all new cases each year) and subtract all Reported Deaths. For example, the Total Living HIV Cases on December 31, 2017 are the total reported HIV Cases with or without an AIDS diagnosis and not reported to have died as of June 30, 2018 as reported by name through June 30, 2018.

Laboratory Data

CD4+ T-lymphocyte tests are measures of a person's immune system function. An HIV infected adult is considered to have AIDS if they have less than 200 CD4+ cells per microliter of blood or if the percent of T-Lymphocyte cells that are CD4+ cells is less than 14 percent. Viral load (VL) tests are measures of the amount of HIV in a person's body. The goal of HIV treatment is to have a very low number of copies of virus per milliliter of blood, below what the test can measure, which is called an undetectable level. Low levels of VL, such as less than 200 copies per milliliter of blood, are known as viral suppression. Treatment recommendations are that a person in HIV medical care should have their CD4 and VL levels measured regularly, at least once per year. We use the presence of these lab tests as an indicator that someone has been "linked to care" after diagnosis or is "retained in care."

Sources of Data

Information on HIV and AIDS diagnoses, including residence at diagnosis, age, race/ethnicity, sex at birth, current gender, country of birth, vital status, HIV exposure category, and CD4 and HIV viral load test results are from the Maryland Department of Health's eHARS, June 30, 2018.

Population data by sex, age, and race/ethnicity are from the July 1, 2017 U.S. Census Estimates. Population data by country-of-birth are from the Census Bureau's 2016 American Community Survey. This produces a difference in total population due to the different source. Due to estimation limitations, some population totals may not equal the sum of its components. When needed, age groups were divided by assuming uniform age distribution within the age group. Non-Hispanic multiple race and Non-Hispanic some other race from the Census were combined into one group.

Estimations of those undiagnosed are from the Centers for Disease Control and Prevention's HIV Surveillance Supplemental Report published March 2018. The continuum of care is adapted from a 2011 article in Clinical Infectious Diseases in which a continuum of care "cascade" is used to illustrate estimates of the number of persons living with HIV who belong to each of the stages of engagement in HIV care.

Tabulation of Column Totals

Numbers in figures, tables and generally in the text have been rounded. Discrepancies in tables between totals and sums of components are due to rounding.

Data Suppression

In order to protect the confidentiality of reported HIV cases, data are suppressed in the following instances:

- Data describing a demographic group or geographic area (e.g. ZIP code) with a population less than 1,000 people.
- All clinical/laboratory information if it is describing less than 5 cases.
- If any cell is suppressed, additional cells are also suppressed as necessary to prevent back calculation of the suppressed cell(s).

Exposure/risk data is not suppressed due to statistical adjustment resulting in the reporting of estimated or probable risk.

HIV Exposure Categories

The Centers for Disease Control and Prevention (CDC) developed a hierarchy of exposure categories for surveillance purposes. Persons with more than one reported risk factor are classified in the exposure category listed first in the hierarchy and therefore counted only once. Men who report a history of sexual contact with other men and report injection drug use constitutes a separate transmission category.

MSM/IDU: Men who report a history of sexual contact with other men who also have engaged in injection drug use.

Male-to-male Sexual Contact (MSM): Men who report a history of sexual contact with other men (homosexual contact) including men who report sexual contact with both men and women (bisexual contact).

Injection Drug Use (IDU): Men or women who report receiving an injection, either self-administered or given by another person, of a drug that was not prescribed by a physician.

Heterosexual Contact (HET): Men or women who report a history of sexual contact with a person of the opposite sex who is known to have an HIV infection or at high risk for an HIV infection. High risk groups include bisexual men, IDUs and recipients of blood, blood components, transplants of organ or tissue and artificial insemination.

Perinatal Exposure: Any baby born to an HIV positive mother.

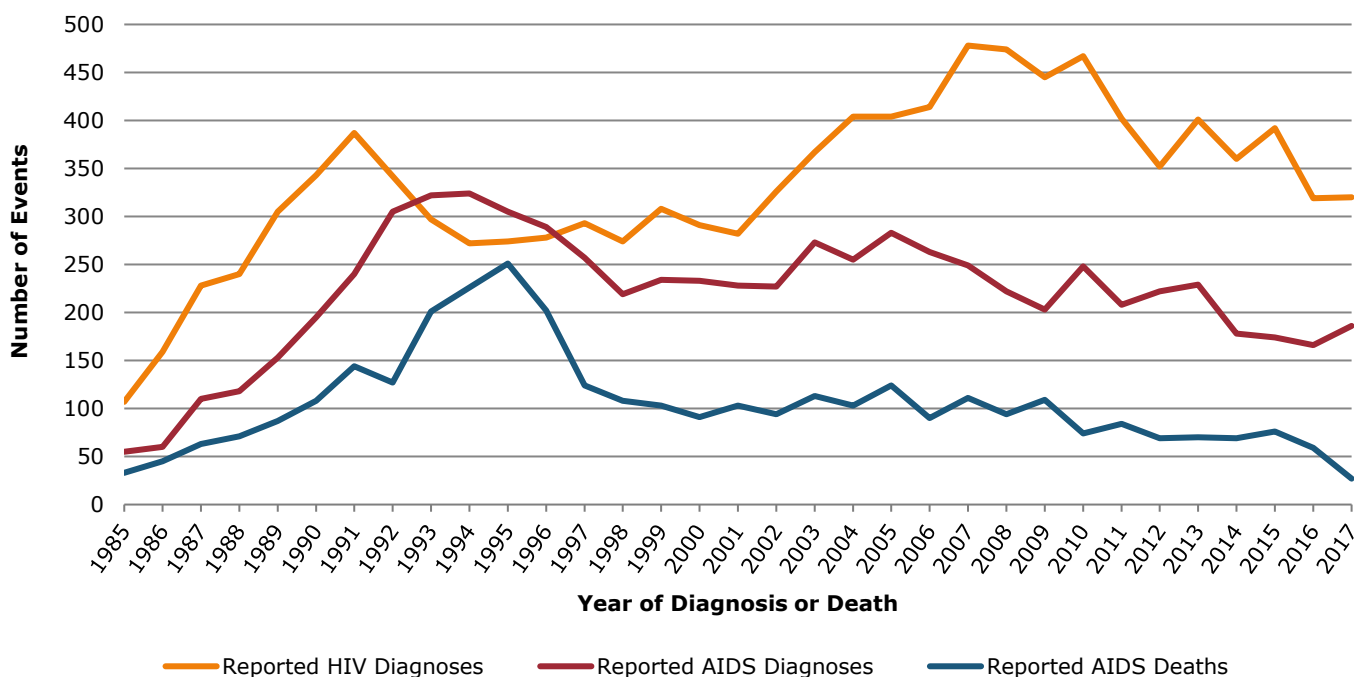
Other Exposure: Includes men or women who received clotting factor for hemophilia/coagulation disorder, or received a transfusion of blood/blood components, or received a transplant of tissue/organs or artificial insemination, or worked in a health care or clinical laboratory setting.

Not all exposure data is reported and is therefore missing for some cases. Multiple imputation is a statistical method by which missing exposure categories are replaced with estimated or probable exposure categories. Multiple imputation involves filling in the missing exposure category with multiple possible exposures, creating several complete datasets. Filling in the missing exposure category is done using the observed data for the individual case as well as data in aggregate from other cases in Maryland. The complete datasets, containing the various predictions for each missing exposure category, are combined to create a final dataset with previously missing exposure category replaced by weighted estimates. Perinatal transmission and other exposure categories are never estimated or adjusted and depict the reported exposure category.

Section II – Trends 1985-2017

Figure 1 – Trends in Reported HIV and AIDS Diagnoses and Deaths, among Residents at Diagnosis, 1985-2017, Reported through June 30, 2018

Reported HIV Cases with or without an AIDS Diagnosis (Reported HIV Diagnoses) by Year of HIV Diagnosis, Reported HIV Cases with an AIDS Diagnosis (Reported AIDS Diagnoses) by Year of AIDS Diagnosis, and Reported HIV Cases with an AIDS Diagnosis Reported to have Died of Any Cause (Reported AIDS Deaths) by Year of Death, from 1985 through 2017 as Reported through June 30, 2018

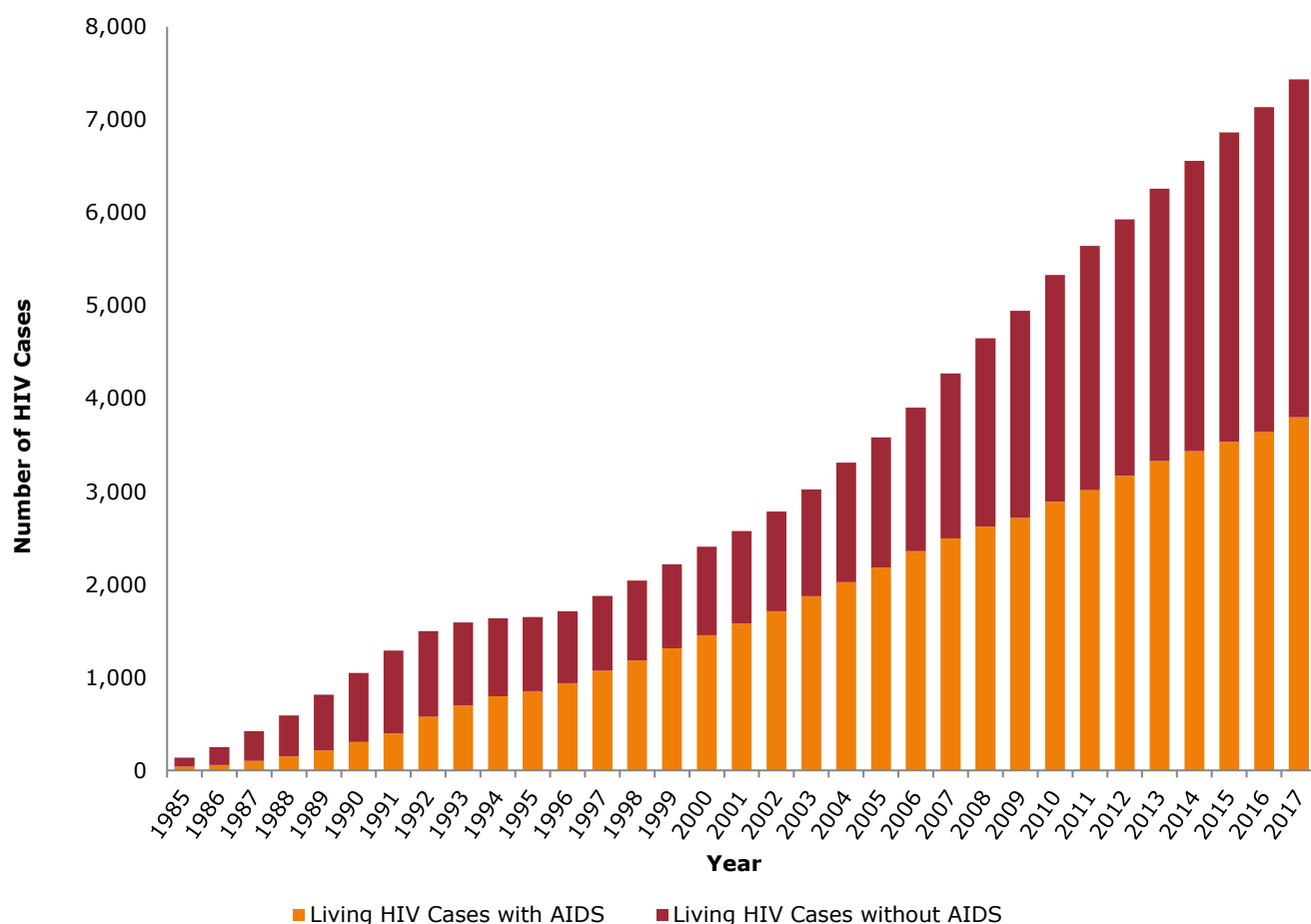


Year of Diagnosis or Death	Reported HIV Diagnoses	Reported AIDS Diagnoses	Reported AIDS Deaths	Year of Diagnosis or Death	Reported HIV Diagnoses	Reported AIDS Diagnoses	Reported AIDS Deaths
<1985	71	40	19	2001	282	228	103
1985	107	55	33	2002	326	227	94
1986	159	60	45	2003	367	273	113
1987	228	110	63	2004	404	255	103
1988	240	118	71	2005	404	283	124
1989	305	153	87	2006	414	263	90
1990	343	195	108	2007	478	249	111
1991	387	240	144	2008	474	222	94
1992	342	305	127	2009	445	203	109
1993	297	322	201	2010	467	248	74
1994	272	324	226	2011	402	208	84
1995	274	305	251	2012	352	222	69
1996	278	289	202	2013	401	229	70
1997	293	257	124	2014	360	178	69
1998	274	219	108	2015	392	174	76
1999	308	234	103	2016*	319	166	59
2000	291	233	91	2017*	320	186	27
				Total	11,076	7,273	3,472

*2016-2017 reported AIDS deaths are preliminary

Figure 2 – Trends in Living HIV Cases, among Residents at Diagnosis, 1985-2017, Reported through June 30, 2018

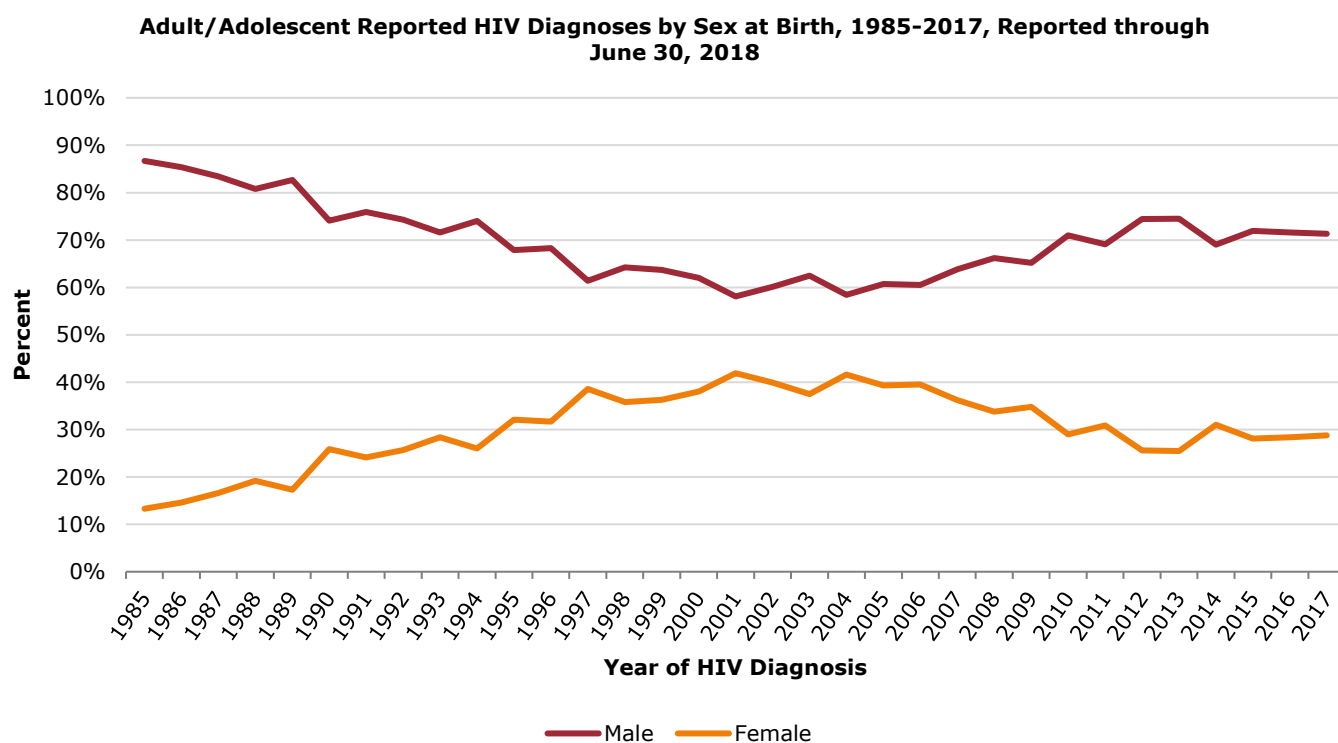
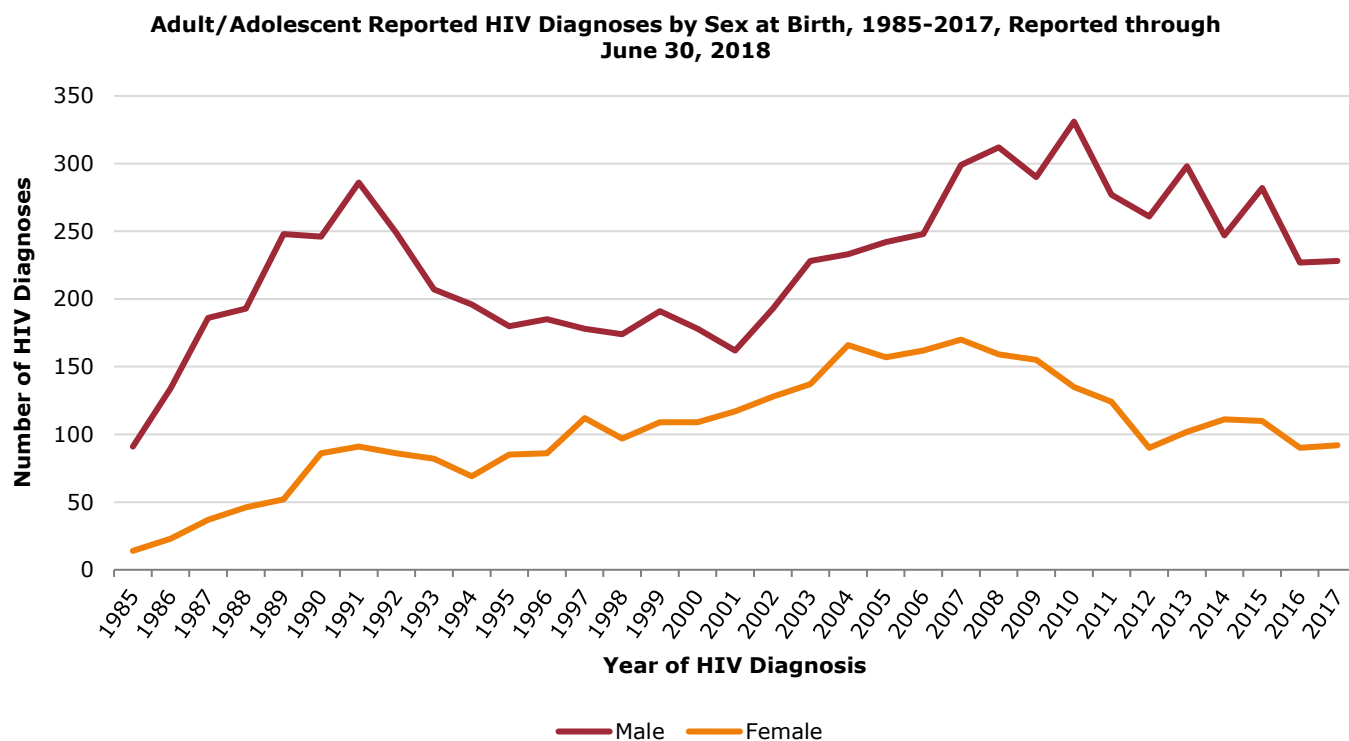
Reported HIV Cases with or without an AIDS Diagnosis and Not Reported to have Died as of December 31st of Each Year (Living HIV Cases without AIDS, Living HIV Cases with AIDS, and Total Living HIV Cases) from 1985 through 2017, as Reported through June 30, 2018



Year	Living HIV Cases without AIDS	Living HIV Cases with AIDS	Total Living HIV Cases	Year	Living HIV Cases without AIDS	Living HIV Cases with AIDS	Total Living HIV Cases
1985	94	42	136	2002	1,072	1,714	2,786
1986	194	57	251	2003	1,149	1,874	3,023
1987	318	104	422	2004	1,285	2,026	3,311
1988	441	151	592	2005	1,399	2,185	3,584
1989	597	217	814	2006	1,544	2,358	3,902
1990	745	304	1,049	2007	1,775	2,496	4,271
1991	891	400	1,291	2008	2,026	2,624	4,650
1992	921	578	1,499	2009	2,229	2,718	4,947
1993	893	699	1,592	2010	2,438	2,892	5,330
1994	838	797	1,635	2011	2,628	3,016	5,644
1995	801	851	1,652	2012	2,761	3,169	5,930
1996	775	939	1,714	2013	2,931	3,328	6,259
1997	807	1,072	1,879	2014	3,123	3,437	6,560
1998	859	1,183	2,042	2015	3,331	3,535	6,866
1999	903	1,314	2,217	2016	3,495	3,642	7,137
2000	952	1,456	2,408	2017	3,633	3,801	7,434
2001	995	1,581	2,576				

Figure 3 – Trends in Adult/Adolescent Reported HIV Diagnoses by Sex at Birth, among Residents at Diagnosis, 1985-2017, Reported through June 30, 2018

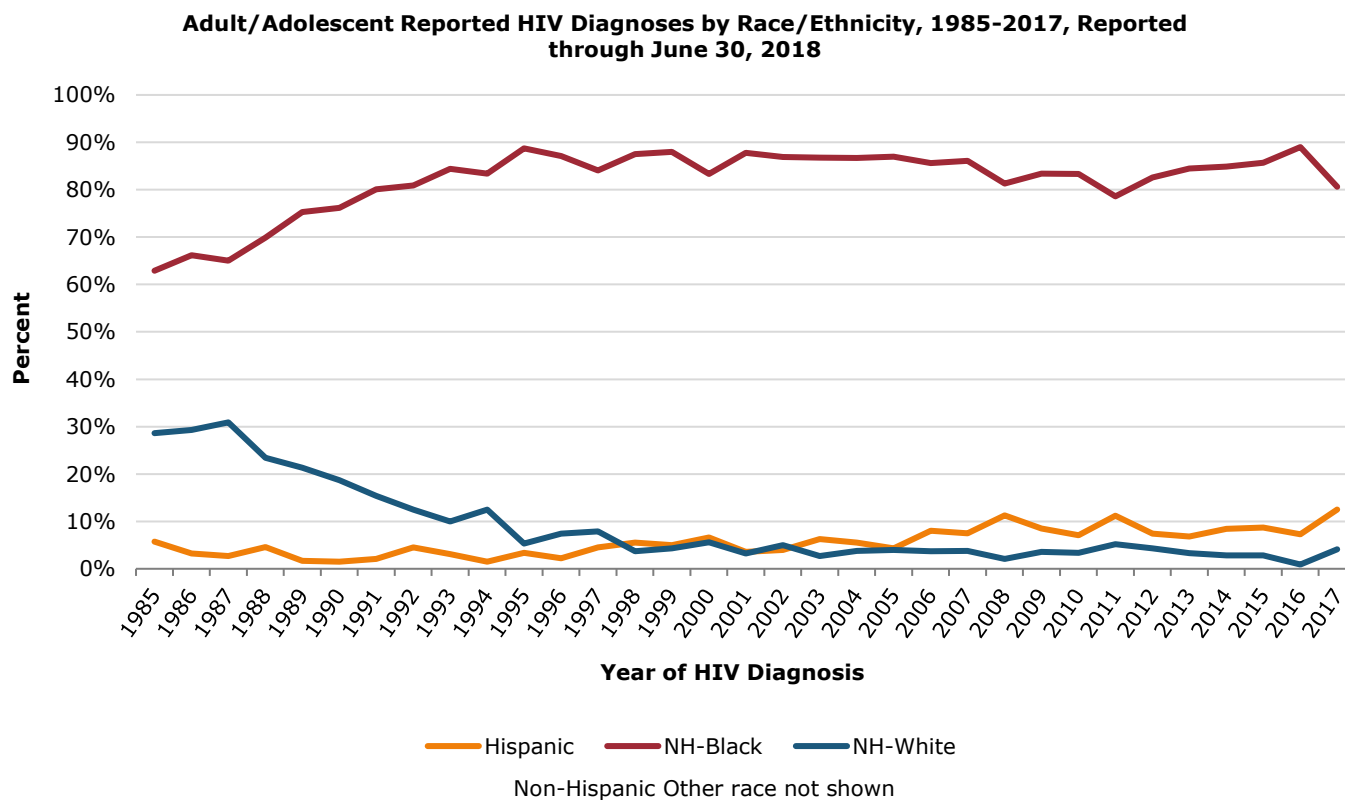
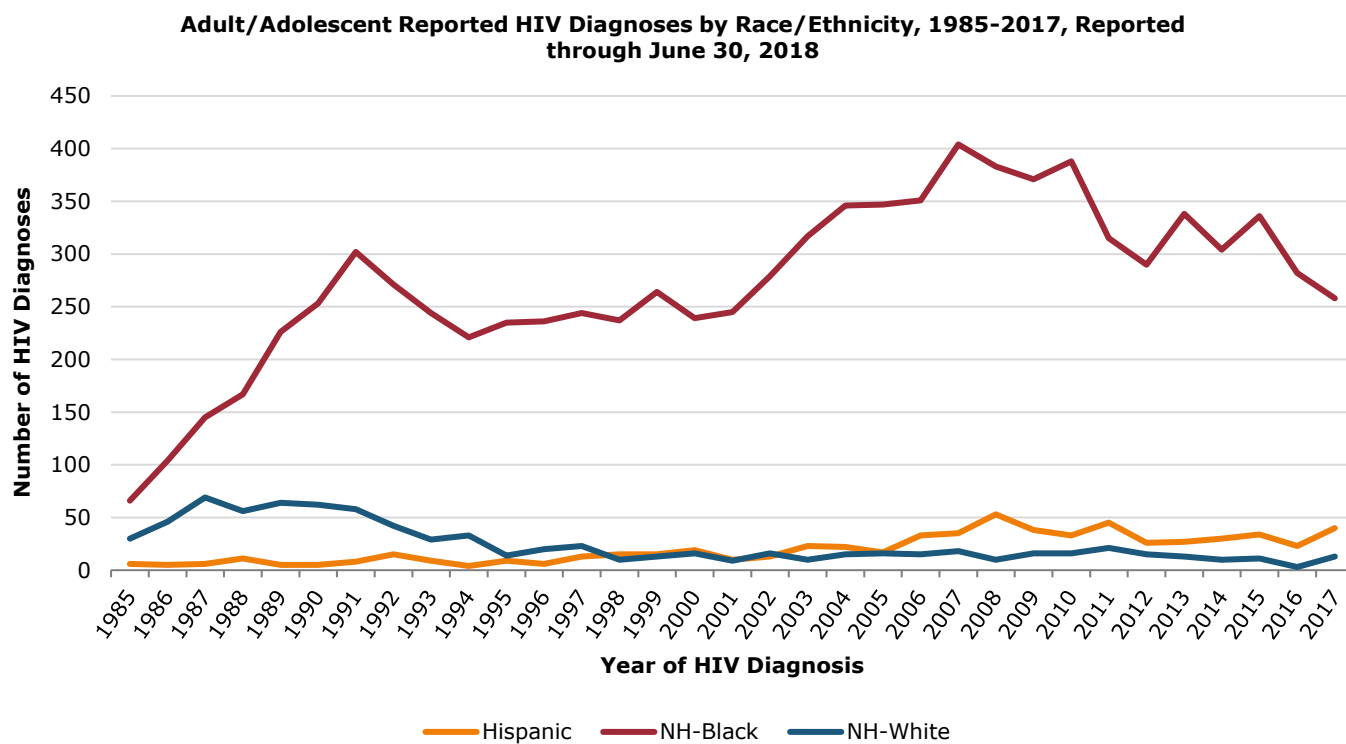
Number and Percent by Sex at Birth of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2017, as Reported through June 30, 2018



Adult/Adolescent Reported HIV Diagnoses					
Year of HIV Diagnosis	No.	Sex at Birth			
		Male		Female	
		No.	%	No.	%
<1985	70	62	88.6%	8	11.4%
1985	105	91	86.7%	14	13.3%
1986	157	134	85.4%	23	14.6%
1987	223	186	83.4%	37	16.6%
1988	239	193	80.8%	46	19.2%
1989	300	248	82.7%	52	17.3%
1990	332	246	74.1%	86	25.9%
1991	377	286	75.9%	91	24.1%
1992	335	249	74.3%	86	25.7%
1993	289	207	71.6%	82	28.4%
1994	265	196	74.0%	69	26.0%
1995	265	180	67.9%	85	32.1%
1996	271	185	68.3%	86	31.7%
1997	290	178	61.4%	112	38.6%
1998	271	174	64.2%	97	35.8%
1999	300	191	63.7%	109	36.3%
2000	287	178	62.0%	109	38.0%
2001	279	162	58.1%	117	41.9%
2002	321	193	60.1%	128	39.9%
2003	365	228	62.5%	137	37.5%
2004	399	233	58.4%	166	41.6%
2005	399	242	60.7%	157	39.3%
2006	410	248	60.5%	162	39.5%
2007	469	299	63.8%	170	36.2%
2008	471	312	66.2%	159	33.8%
2009	445	290	65.2%	155	34.8%
2010	466	331	71.0%	135	29.0%
2011	401	277	69.1%	124	30.9%
2012	351	261	74.4%	90	25.6%
2013	400	298	74.5%	102	25.5%
2014	358	247	69.0%	111	31.0%
2015	392	282	71.9%	110	28.1%
2016	317	227	71.6%	90	28.4%
2017	320	228	71.3%	92	28.8%
Total	10,939	7,542	68.9%	3,397	31.1%

Figure 4 – Trends in Adult/Adolescent Reported HIV Diagnoses by Race/Ethnicity, among Residents at Diagnosis, 1985-2017, Reported through June 30, 2018

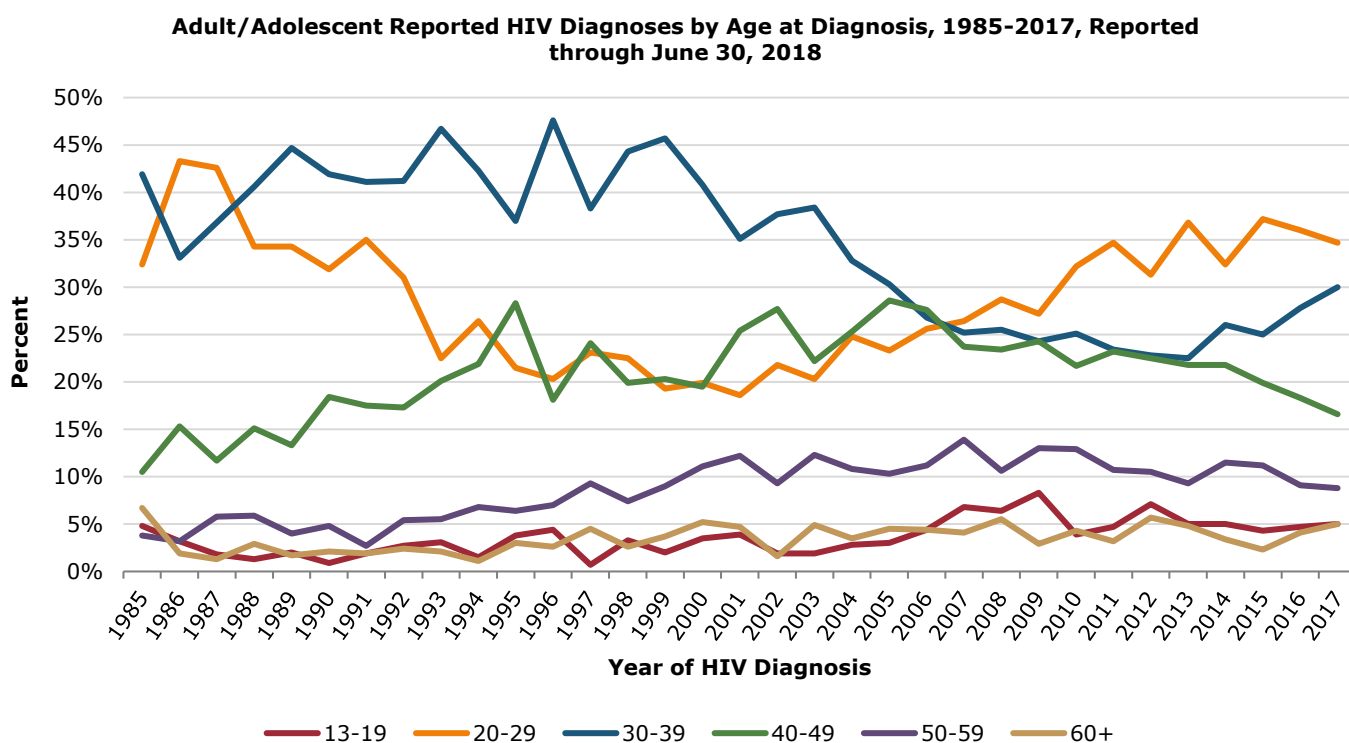
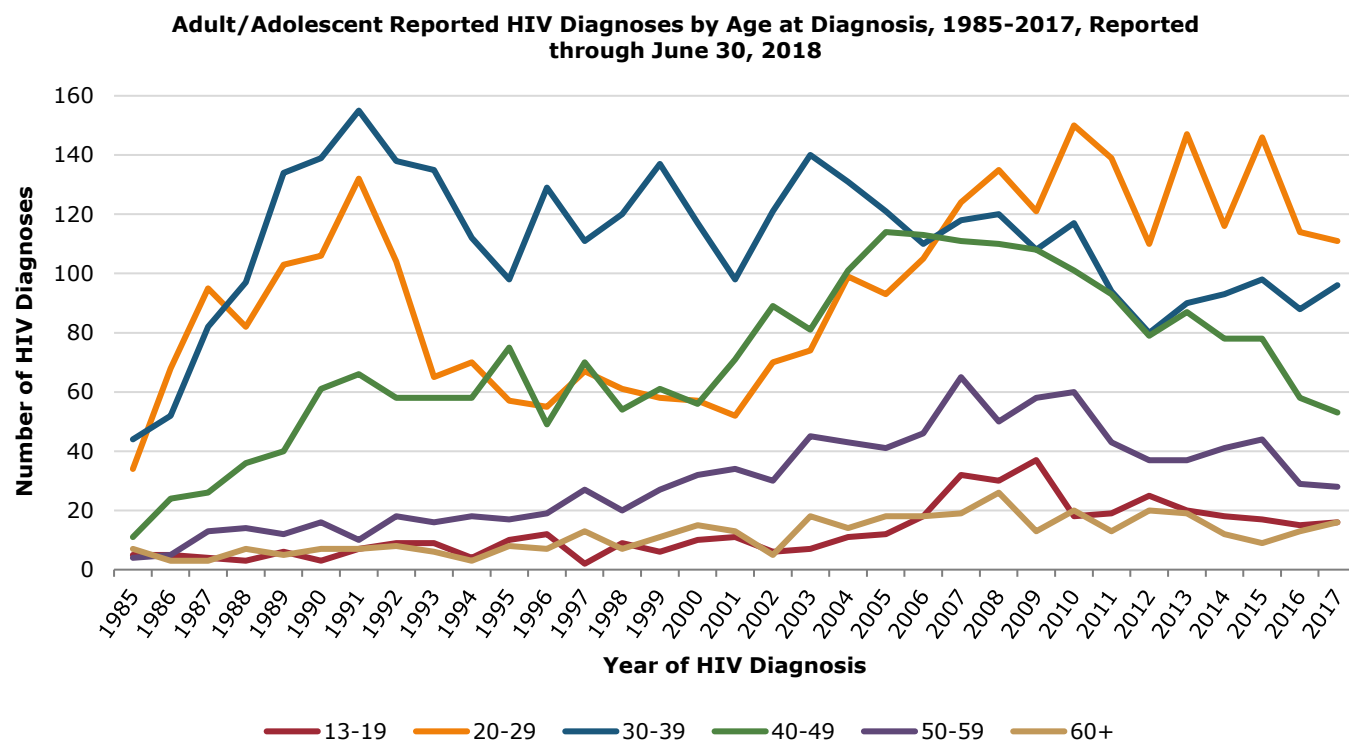
Number and Percent by Race/Ethnicity of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2017, as Reported through June 30, 2018



Year of HIV Diagnosis	No.	Adult/Adolescent Reported HIV Diagnoses							
		Race/Ethnicity							
		Hispanic		Non-Hispanic Black, only		Non-Hispanic White, only		Non-Hispanic Other Race	
		No.	%	No.	%	No.	%	No.	%
<1985	70	1	1.4%	49	70.0%	17	24.3%	3	4.3%
1985	105	6	5.7%	66	62.9%	30	28.6%	3	2.9%
1986	157	5	3.2%	104	66.2%	46	29.3%	2	1.3%
1987	223	6	2.7%	145	65.0%	69	30.9%	3	1.3%
1988	239	11	4.6%	167	69.9%	56	23.4%	5	2.1%
1989	300	5	1.7%	226	75.3%	64	21.3%	5	1.7%
1990	332	5	1.5%	253	76.2%	62	18.7%	12	3.6%
1991	377	8	2.1%	302	80.1%	58	15.4%	9	2.4%
1992	335	15	4.5%	271	80.9%	42	12.5%	7	2.1%
1993	289	9	3.1%	244	84.4%	29	10.0%	7	2.4%
1994	265	4	1.5%	221	83.4%	33	12.5%	7	2.6%
1995	265	9	3.4%	235	88.7%	14	5.3%	7	2.6%
1996	271	6	2.2%	236	87.1%	20	7.4%	9	3.3%
1997	290	13	4.5%	244	84.1%	23	7.9%	10	3.4%
1998	271	15	5.5%	237	87.5%	10	3.7%	9	3.3%
1999	300	15	5.0%	264	88.0%	13	4.3%	8	2.7%
2000	287	19	6.6%	239	83.3%	16	5.6%	13	4.5%
2001	279	10	3.6%	245	87.8%	9	3.2%	15	5.4%
2002	321	13	4.0%	279	86.9%	16	5.0%	13	4.0%
2003	365	23	6.3%	317	86.8%	10	2.7%	15	4.1%
2004	399	22	5.5%	346	86.7%	15	3.8%	16	4.0%
2005	399	17	4.3%	347	87.0%	16	4.0%	19	4.8%
2006	410	33	8.0%	351	85.6%	15	3.7%	11	2.7%
2007	469	35	7.5%	404	86.1%	18	3.8%	12	2.6%
2008	471	53	11.3%	383	81.3%	10	2.1%	25	5.3%
2009	445	38	8.5%	371	83.4%	16	3.6%	20	4.5%
2010	466	33	7.1%	388	83.3%	16	3.4%	29	6.2%
2011	401	45	11.2%	315	78.6%	21	5.2%	20	5.0%
2012	351	26	7.4%	290	82.6%	15	4.3%	20	5.7%
2013	400	27	6.8%	338	84.5%	13	3.3%	22	5.5%
2014	358	30	8.4%	304	84.9%	10	2.8%	14	3.9%
2015	392	34	8.7%	336	85.7%	11	2.8%	11	2.8%
2016	317	23	7.3%	282	89.0%	3	0.9%	9	2.8%
2017	320	40	12.5%	258	80.6%	13	4.1%	9	2.8%
Total	10,939	654	6.0%	9,057	82.8%	829	7.6%	399	3.6%

Figure 5 – Trends in Adult/Adolescent Reported HIV Diagnoses by Age at Diagnosis, among Residents at Diagnosis, 1985-2017, Reported through June 30, 2018

Number and Percent by Age at HIV Diagnosis of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2017, as Reported through June 30, 2018

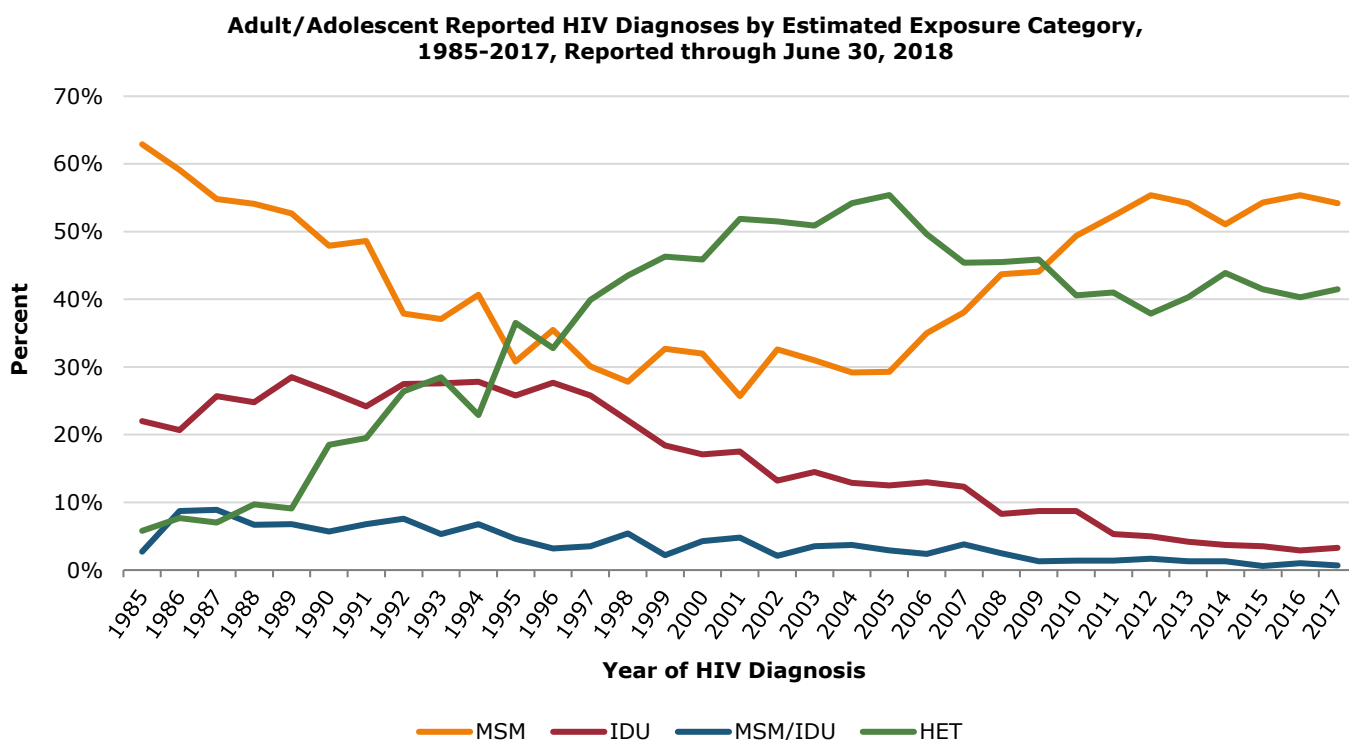
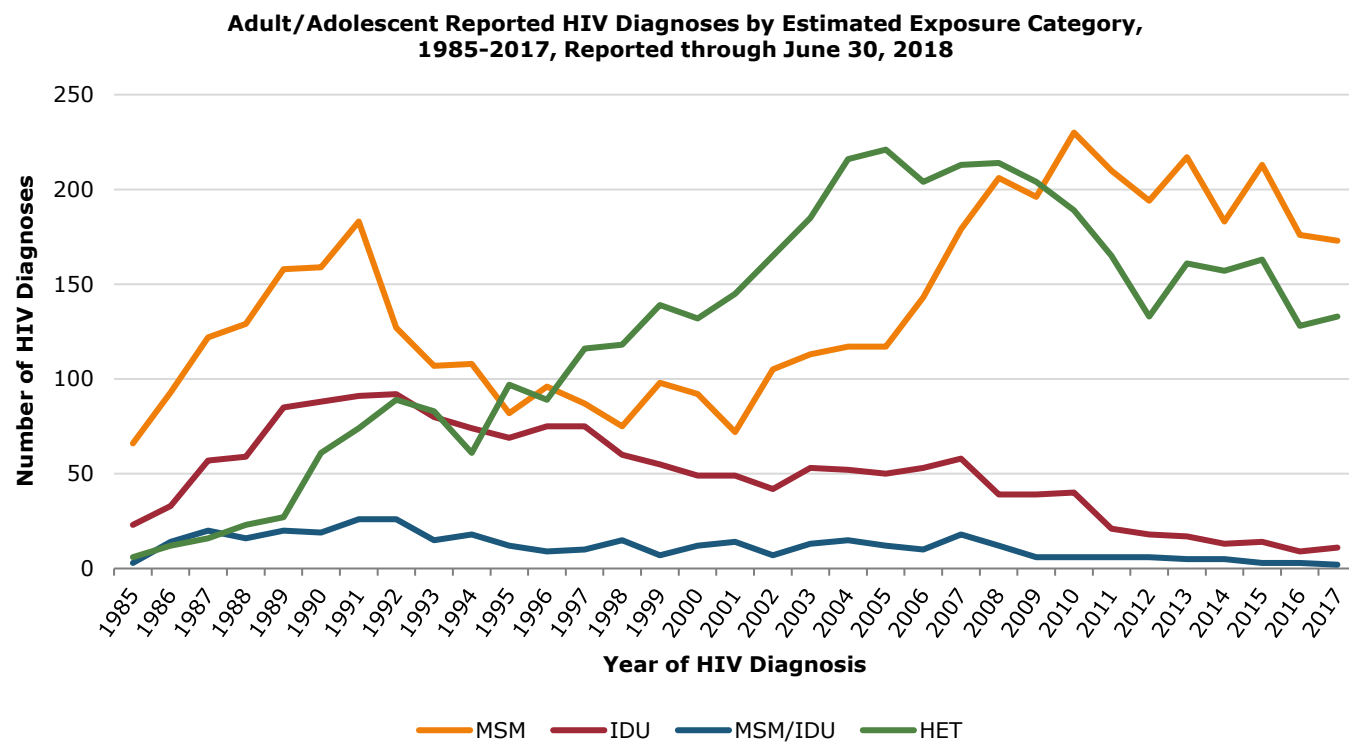


Adult/Adolescent Reported HIV Diagnoses

Year of HIV Diagnosis	No.	Age at HIV Diagnosis											
		Age 13-19		Age 20-29		Age 30-39		Age 40-49		Age 50-59		Age 60+	
		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
<1985	70	8	11.4%	27	38.6%	21	30.0%	12	17.1%	1	1.4%	1	1.4%
1985	105	5	4.8%	34	32.4%	44	41.9%	11	10.5%	4	3.8%	7	6.7%
1986	157	5	3.2%	68	43.3%	52	33.1%	24	15.3%	5	3.2%	3	1.9%
1987	223	4	1.8%	95	42.6%	82	36.8%	26	11.7%	13	5.8%	3	1.3%
1988	239	3	1.3%	82	34.3%	97	40.6%	36	15.1%	14	5.9%	7	2.9%
1989	300	6	2.0%	103	34.3%	134	44.7%	40	13.3%	12	4.0%	5	1.7%
1990	332	3	0.9%	106	31.9%	139	41.9%	61	18.4%	16	4.8%	7	2.1%
1991	377	7	1.9%	132	35.0%	155	41.1%	66	17.5%	10	2.7%	7	1.9%
1992	335	9	2.7%	104	31.0%	138	41.2%	58	17.3%	18	5.4%	8	2.4%
1993	289	9	3.1%	65	22.5%	135	46.7%	58	20.1%	16	5.5%	6	2.1%
1994	265	4	1.5%	70	26.4%	112	42.3%	58	21.9%	18	6.8%	3	1.1%
1995	265	10	3.8%	57	21.5%	98	37.0%	75	28.3%	17	6.4%	8	3.0%
1996	271	12	4.4%	55	20.3%	129	47.6%	49	18.1%	19	7.0%	7	2.6%
1997	290	2	0.7%	67	23.1%	111	38.3%	70	24.1%	27	9.3%	13	4.5%
1998	271	9	3.3%	61	22.5%	120	44.3%	54	19.9%	20	7.4%	7	2.6%
1999	300	6	2.0%	58	19.3%	137	45.7%	61	20.3%	27	9.0%	11	3.7%
2000	287	10	3.5%	57	19.9%	117	40.8%	56	19.5%	32	11.1%	15	5.2%
2001	279	11	3.9%	52	18.6%	98	35.1%	71	25.4%	34	12.2%	13	4.7%
2002	321	6	1.9%	70	21.8%	121	37.7%	89	27.7%	30	9.3%	5	1.6%
2003	365	7	1.9%	74	20.3%	140	38.4%	81	22.2%	45	12.3%	18	4.9%
2004	399	11	2.8%	99	24.8%	131	32.8%	101	25.3%	43	10.8%	14	3.5%
2005	399	12	3.0%	93	23.3%	121	30.3%	114	28.6%	41	10.3%	18	4.5%
2006	410	18	4.4%	105	25.6%	110	26.8%	113	27.6%	46	11.2%	18	4.4%
2007	469	32	6.8%	124	26.4%	118	25.2%	111	23.7%	65	13.9%	19	4.1%
2008	471	30	6.4%	135	28.7%	120	25.5%	110	23.4%	50	10.6%	26	5.5%
2009	445	37	8.3%	121	27.2%	108	24.3%	108	24.3%	58	13.0%	13	2.9%
2010	466	18	3.9%	150	32.2%	117	25.1%	101	21.7%	60	12.9%	20	4.3%
2011	401	19	4.7%	139	34.7%	94	23.4%	93	23.2%	43	10.7%	13	3.2%
2012	351	25	7.1%	110	31.3%	80	22.8%	79	22.5%	37	10.5%	20	5.7%
2013	400	20	5.0%	147	36.8%	90	22.5%	87	21.8%	37	9.3%	19	4.8%
2014	358	18	5.0%	116	32.4%	93	26.0%	78	21.8%	41	11.5%	12	3.4%
2015	392	17	4.3%	146	37.2%	98	25.0%	78	19.9%	44	11.2%	9	2.3%
2016	317	15	4.7%	114	36.0%	88	27.8%	58	18.3%	29	9.1%	13	4.1%
2017	320	16	5.0%	111	34.7%	96	30.0%	53	16.6%	28	8.8%	16	5.0%
Total	10,939	424	3.9%	3,147	28.8%	3,644	33.3%	2,340	21.4%	1,000	9.1%	384	3.5%

Figure 6 – Trends in Adult/Adolescent Reported HIV Diagnoses by Estimated Exposure Category, among Residents at Diagnosis, 1985-2017, Reported through June 30, 2018

Number and Percent by Estimated Exposure Category[§] of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2017, as Reported through June 30, 2018



Other exposure category not shown

§ Multiple imputation was used to estimate and adjust for missing transmission category.

Year of HIV Diagnosis	Adult/Adolescent Reported HIV Diagnoses											
	No.	% with No Reported Exposure [‡]	Estimated Exposure Category [§]									
			MSM		IDU		MSM/IDU		HET		Other Exposure	
			No.	%	No.	%	No.	%	No.	%	No.	%
<1985	70	11.4%	47	67.6%	12	16.4%	4	6.0%	6	8.6%	1	1.4%
1985	105	8.6%	66	62.9%	23	22.0%	3	2.7%	6	5.8%	7	6.7%
1986	157	3.2%	93	59.1%	33	20.7%	14	8.7%	12	7.7%	6	3.8%
1987	223	3.1%	122	54.8%	57	25.7%	20	8.9%	16	7.0%	8	3.6%
1988	239	2.5%	129	54.1%	59	24.8%	16	6.7%	23	9.7%	11	4.6%
1989	300	6.7%	158	52.7%	85	28.5%	20	6.8%	27	9.1%	9	3.0%
1990	332	4.5%	159	47.9%	88	26.4%	19	5.7%	61	18.5%	5	1.5%
1991	377	5.3%	183	48.6%	91	24.2%	26	6.8%	74	19.5%	3	0.8%
1992	335	10.1%	127	37.9%	92	27.5%	26	7.6%	89	26.4%	2	0.6%
1993	289	8.3%	107	37.1%	80	27.6%	15	5.3%	83	28.5%	4	1.4%
1994	265	7.9%	108	40.7%	74	27.8%	18	6.8%	61	22.9%	5	1.9%
1995	265	12.8%	82	30.8%	69	25.8%	12	4.6%	97	36.5%	6	2.3%
1996	271	15.9%	96	35.5%	75	27.7%	9	3.2%	89	32.8%	2	0.7%
1997	290	15.9%	87	30.1%	75	25.8%	10	3.5%	116	39.9%	2	0.7%
1998	271	20.3%	75	27.8%	60	22.1%	15	5.4%	118	43.5%	3	1.1%
1999	300	16.7%	98	32.7%	55	18.4%	7	2.2%	139	46.3%	1	0.3%
2000	287	20.2%	92	32.0%	49	17.1%	12	4.3%	132	45.9%	2	0.7%
2001	279	17.6%	72	25.7%	49	17.5%	14	4.8%	145	51.9%	0	0.0%
2002	321	10.6%	105	32.6%	42	13.2%	7	2.1%	165	51.5%	2	0.6%
2003	365	14.5%	113	31.0%	53	14.5%	13	3.5%	185	50.9%	0	0.0%
2004	399	20.1%	117	29.2%	52	12.9%	15	3.7%	216	54.2%	0	0.0%
2005	399	24.6%	117	29.3%	50	12.5%	12	2.9%	221	55.4%	0	0.0%
2006	410	28.8%	143	35.0%	53	13.0%	10	2.4%	204	49.6%	0	0.0%
2007	469	28.4%	179	38.1%	58	12.3%	18	3.8%	213	45.4%	2	0.4%
2008	471	35.2%	206	43.7%	39	8.3%	12	2.5%	214	45.5%	0	0.0%
2009	445	40.0%	196	44.1%	39	8.7%	6	1.3%	204	45.9%	0	0.0%
2010	466	37.8%	230	49.4%	40	8.7%	6	1.4%	189	40.6%	0	0.0%
2011	401	39.2%	210	52.3%	21	5.3%	6	1.4%	165	41.0%	0	0.0%
2012	351	29.1%	194	55.4%	18	5.0%	6	1.7%	133	37.9%	0	0.0%
2013	400	25.0%	217	54.2%	17	4.2%	5	1.3%	161	40.3%	0	0.0%
2014	358	24.0%	183	51.1%	13	3.7%	5	1.3%	157	43.9%	0	0.0%
2015	392	17.3%	213	54.3%	14	3.5%	3	0.6%	163	41.5%	0	0.0%
2016	317	19.6%	176	55.4%	9	2.9%	3	1.0%	128	40.3%	1	0.3%
2017	320	24.7%	173	54.2%	11	3.3%	2	0.7%	133	41.5%	1	0.3%
Total	10,939	20.1%	4,674	42.7%	1,654	15.1%	385	3.5%	4,143	37.9%	83	0.8%

§ Multiple imputation was used to estimate and adjust for missing transmission category

‡Percent with no reported exposure prior to multiple imputation adjustment

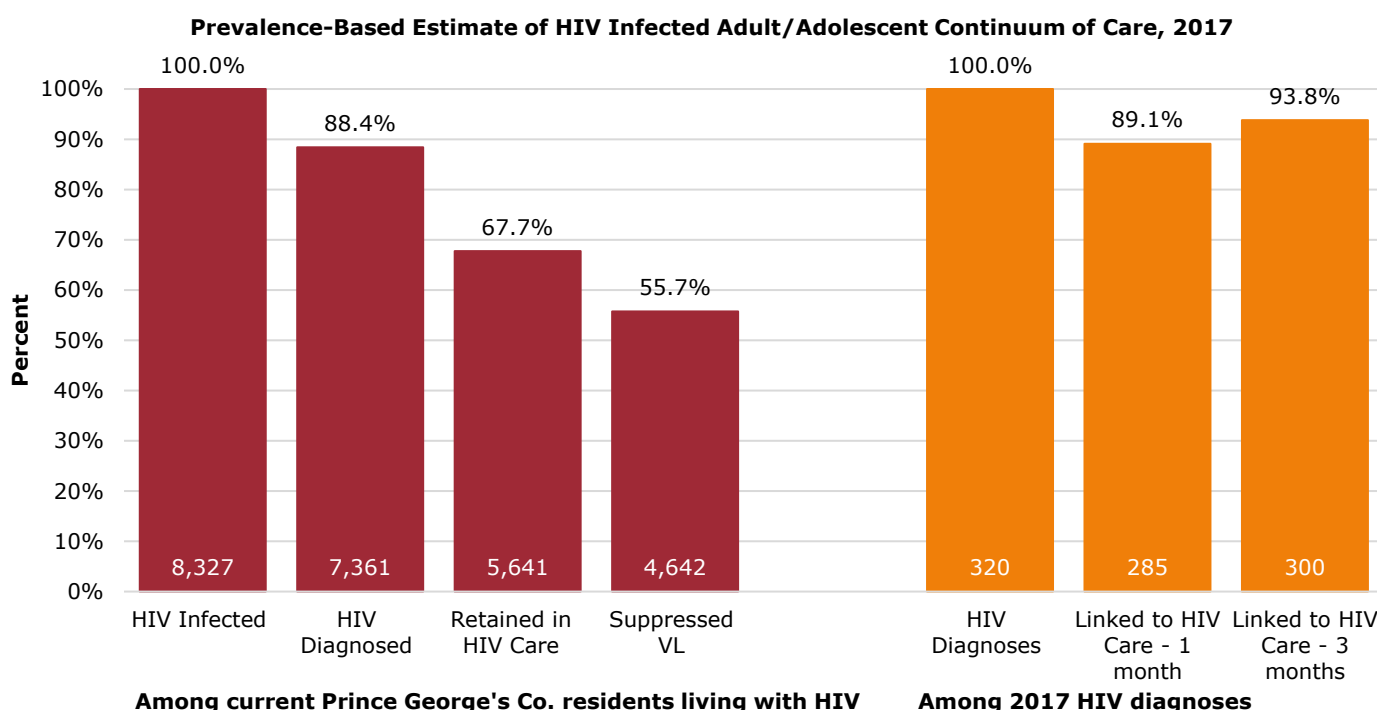
Note. Discrepancies in the table between total HIV diagnoses and the sums by exposure category are due to less than 1 percent of cases missing transmission category after multiple imputation

Section III – Continuum of Care Cascades

In their 2011 article in Clinical Infectious Diseases, Gardner et al.¹ utilize a continuum of care “cascade” to illustrate estimates of the number of persons living with HIV who belong to each of the stages of engagement in HIV care.

Figure 7 – Prevalence-Based Estimated Adult/Adolescent 2017 HIV Continuum of Care Cascades, Current Prince George’s County Residents, Reported through June 30, 2018

The prevalence-based Prince George’s County Engagement in HIV Care Cascade (below) applies the Centers for Disease Control and Prevention (CDC) CD4 depletion model to Maryland surveillance data, reported through June 30, 2018, to estimate the number of people living with undiagnosed HIV (11.6 percent) and the estimated number of HIV infected persons currently residing in Maryland. Maryland surveillance data is then used to describe the number and percentage of persons living with HIV in Prince George’s County on December 31, 2017 and the number and percentage of new HIV diagnoses in 2017 who belong to each of the stages of engagement in HIV care.



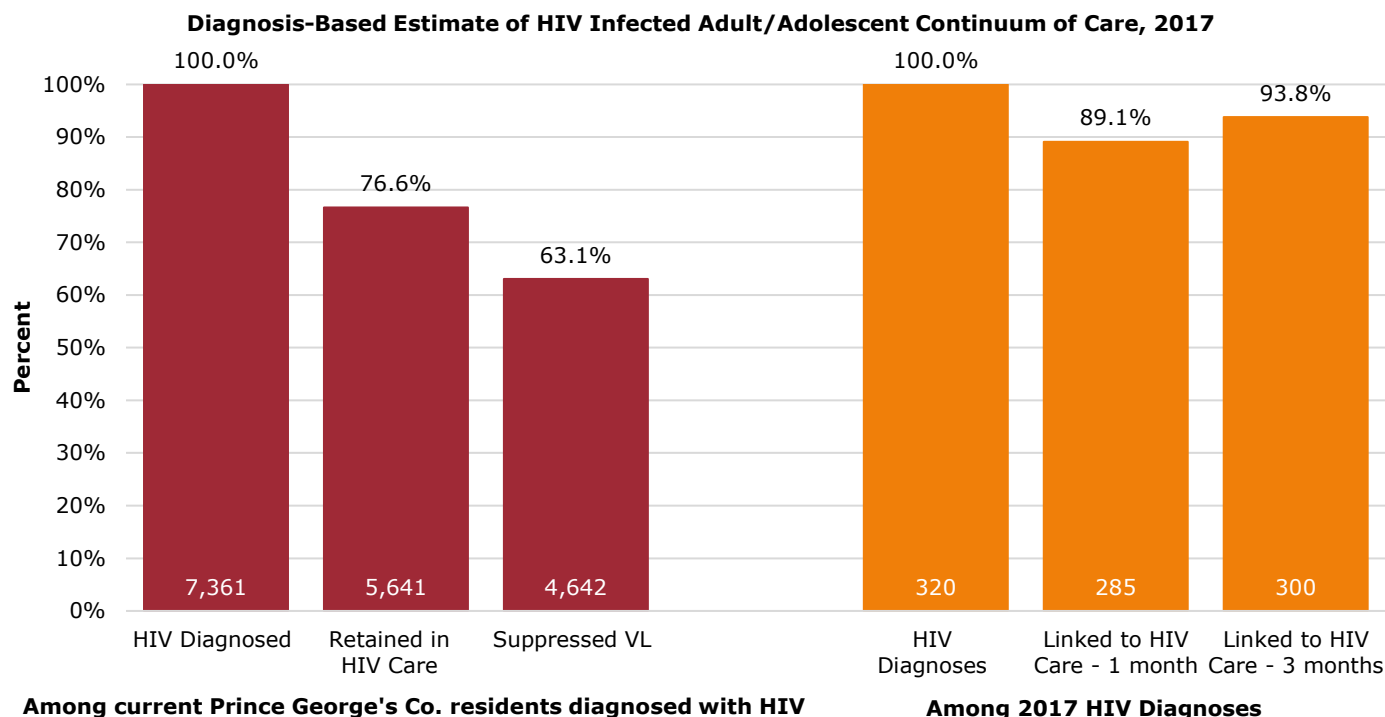
Continuum of Care Stage	Living HIV Cases		Continuum of Care Stage	New Diagnoses	
	Number	Percentage		Number	Percentage
HIV Infected	8,327	100.0%	New HIV Diagnoses	320	100.0%
HIV Diagnosed	7,361	88.4%	Linked to HIV Care – 1 Month	285	89.1%
Retained in HIV Care	5,641	67.7%	Linked to HIV Care – 3 Months	300	93.8%
Suppressed VL	4,642	55.7%			

¹ Gardner et al, “The Spectrum of Engagement in HIV Care and its Relevance to Test-and-Treat Strategies for Prevention of HIV Infection.” Clin Infect Dis. 2011; 52 (6): 793-800.

² Centers for Disease Control and Prevention. Estimated HIV incidence and prevalence in the United States, 2010–2015. HIV Surveillance Supplemental Report 2018;23(No. 1). <http://www.cdc.gov/hiv/library/reports/hiv-surveillance.html>. Published March 2018.

Figure 8 – Diagnosis-Based Estimated Adult/Adolescent 2017 HIV Continuum of Care Cascades, Current Prince George’s County Residents, Reported through June 30, 2018

The diagnosis-based Prince George’s Engagement in HIV Care Cascade (below) uses Maryland surveillance data for current Prince George’s County residents to describe the number and percentage of persons living with HIV in Prince George’s County on December 31, 2017 and the number and percentage of new HIV diagnoses in 2017 who belong to each of the stages of engagement in HIV care.



Continuum of Care Stage	Living HIV Cases		Continuum of Care Stage	New Diagnoses	
	Number	Percentage		Number	Percentage
HIV Diagnosed	7,361	100.0%	New HIV Diagnoses	320	100.0%
Retained in HIV Care	5,641	76.6%	Linked to HIV Care – 1 Month	285	89.1%
Suppressed VL	4,642	63.1%	Linked to HIV Care – 3 Months	300	93.8%

Section IV – Adult/Adolescent Cases by Jurisdiction

Table 1 – Adult/Adolescent HIV Diagnoses during 2017, Linked to Care, Late Diagnosis, and First CD4 Test Result by Jurisdiction of Residence at HIV Diagnosis, Reported through June 30, 2018

Jurisdiction of Residence at HIV Diagnosis	Population Age 13+	Adult/Adolescent Reported HIV Diagnoses							
		No.	% of Total	Rate	Linked to Care		Late HIV Diagnoses	First CD4 Test Result	
					% 1 mo.	% 3 mo.		%	Median Count
20601	266	0	0.0%	0.0	--	--	--	--	--
20607	8,680	4	1.3%	46.1	***	***	***	***	***
20608	851	0	0.0%	0.0	--	--	--	--	--
20613	9,128	3	0.9%	32.9	***	***	***	***	***
20623	2,464	0	0.0%	0.0	--	--	--	--	--
20705	22,756	6	1.9%	26.4	100.0%	100.0%	***	83.3%	384
20706	33,213	24	7.5%	72.3	95.8%	95.8%	29.2%	91.7%	397
20707	27,648	8	2.5%	28.9	75.0%	87.5%	***	100.0%	361
20708	21,845	7	2.2%	32.0	100.0%	100.0%	***	85.7%	471
20710	7,911	6	1.9%	75.8	100.0%	100.0%	***	83.3%	487
20712	7,938	5	1.6%	63.0	100.0%	100.0%	***	100.0%	481
20715	23,856	7	2.2%	29.3	85.7%	85.7%	***	85.7%	248
20716	18,202	3	0.9%	16.5	***	***	***	***	***
20720	18,303	3	0.9%	16.4	***	***	***	***	***
20721	24,002	10	3.1%	41.7	80.0%	80.0%	***	90.0%	360
20722	4,982	0	0.0%	0.0	--	--	--	--	--
20735	31,891	17	5.3%	53.3	82.4%	88.2%	***	88.2%	318
20737	17,199	11	3.4%	64.0	81.8%	90.9%	***	100.0%	461
20740	28,008	8	2.5%	28.6	100.0%	100.0%	***	100.0%	322
20742	8,312	0	0.0%	0.0	--	--	--	--	--
20743	33,901	19	5.9%	56.0	73.7%	89.5%	26.3%	84.2%	428
20744	45,849	8	2.5%	17.4	100.0%	100.0%	***	87.5%	409
20745	25,190	18	5.6%	71.5	83.3%	88.9%	44.4%	88.9%	198
20746	25,173	12	3.8%	47.7	91.7%	100.0%	50.0%	91.7%	292
20747	34,957	16	5.0%	45.8	100.0%	100.0%	***	87.5%	408
20748	35,002	14	4.4%	40.0	100.0%	100.0%	35.7%	92.9%	374
20762	2,163	0	0.0%	0.0	--	--	--	--	--
20769	5,784	2	0.6%	34.6	***	***	***	***	***
20770	22,269	14	4.4%	62.9	92.9%	92.9%	71.4%	92.9%	163
20772	37,812	7	2.2%	18.5	85.7%	100.0%	***	100.0%	548
20774	38,433	18	5.6%	46.8	83.3%	94.4%	***	94.4%	331
20781	9,968	5	1.6%	50.2	100.0%	100.0%	***	100.0%	198
20782	27,123	11	3.4%	40.6	72.7%	90.9%	***	100.0%	455
20783	39,271	13	4.1%	33.1	92.3%	92.3%	***	76.9%	238
20784	25,061	14	4.4%	55.9	100.0%	100.0%	42.9%	100.0%	243
20785	30,132	20	6.3%	66.4	85.0%	95.0%	30.0%	95.0%	346
20903	4,610	3	0.9%	65.1	***	***	***	***	***
20904	276	0	0.0%	0.0	--	--	--	--	--
20912	3,011	4	1.3%	132.8	***	***	***	***	***
Unknown	--	0	0.0%	--	--	--	--	--	--
Total	763,442	320	100.0%	41.9	89.1%	93.8%	31.6%	91.9%	330

*** Data withheld due to low population counts and/or case counts

Table 2 – Adult/Adolescent AIDS Diagnoses during 2017, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by Jurisdiction of Residence at AIDS Diagnosis, Reported through June 30, 2018

Jurisdiction of Residence at AIDS Diagnosis	Population Age 13+	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
20601	266	0	0.0%	0.0	--	--
20607	8,680	3	1.6%	34.6	***	***
20608	851	0	0.0%	0.0	--	--
20613	9,128	2	1.1%	21.9	***	***
20623	2,464	0	0.0%	0.0	--	--
20705	22,756	4	2.2%	17.6	***	***
20706	33,213	9	4.9%	27.1	2.7	66.7%
20707	27,648	2	1.1%	7.2	***	***
20708	21,845	6	3.3%	27.5	6.5	50.0%
20710	7,911	2	1.1%	25.3	***	***
20712	7,938	3	1.6%	37.8	***	***
20715	23,856	2	1.1%	8.4	***	***
20716	18,202	3	1.6%	16.5	***	***
20720	18,303	1	0.5%	5.5	***	***
20721	24,002	4	2.2%	16.7	***	***
20722	4,982	1	0.5%	20.1	***	***
20735	31,891	6	3.3%	18.8	2.0	83.3%
20737	17,199	3	1.6%	17.4	***	***
20740	28,008	2	1.1%	7.1	***	***
20742	8,312	0	0.0%	0.0	--	--
20743	33,901	13	7.1%	38.3	3.5	30.8%
20744	45,849	8	4.3%	17.4	3.6	37.5%
20745	25,190	11	6.0%	43.7	3.8	54.5%
20746	25,173	12	6.5%	47.7	4.0	50.0%
20747	34,957	9	4.9%	25.7	7.8	22.2%
20748	35,002	9	4.9%	25.7	7.2	55.6%
20762	2,163	0	0.0%	0.0	--	--
20769	5,784	1	0.5%	17.3	***	***
20770	22,269	11	6.0%	49.4	1.1	81.8%
20772	37,812	4	2.2%	10.6	***	***
20774	38,433	9	4.9%	23.4	2.8	55.6%
20781	9,968	4	2.2%	40.1	***	***
20782	27,123	4	2.2%	14.7	***	***
20783	39,271	9	4.9%	22.9	8.3	44.4%
20784	25,061	8	4.3%	31.9	2.2	75.0%
20785	30,132	15	8.2%	49.8	4.1	33.3%
20903	4,610	1	0.5%	21.7	***	***
20904	276	0	0.0%	0.0	--	--
20912	3,011	3	1.6%	99.6	***	***
Unknown	--	0	0.0%	--	--	--
Total	763,442	184	100.0%	24.1	4.1	56.0%

*** Data withheld due to low population counts and/or case counts

Table 3 – Adult/Adolescent HIV Cases Alive on December 31, 2017, by Jurisdiction of Residence at Diagnosis, Reported through June 30, 2018

Jurisdiction of Residence at Diagnosis	Population Age 13+	Adult/Adolescent Living HIV Cases without AIDS			Adult/Adolescent Living HIV Cases with AIDS			Adult/Adolescent Total Living HIV Cases			
		No.	% of Total	Rate	No.	% of Total	Rate	No.	% of Total	Rate	Ratio (1 in X)
20601	266	***	***	***	***	***	***	***	***	***	***
20607	8,680	20	0.6%	230.4	20	0.5%	230.4	40	0.5%	460.8	216
20608	851	***	***	***	***	***	***	***	***	***	***
20613	9,128	20	0.6%	219.1	22	0.6%	241.0	42	0.6%	460.1	217
20623	2,464	5	0.1%	202.9	9	0.2%	365.2	14	0.2%	568.1	176
20705	22,756	53	1.5%	232.9	77	2.0%	338.4	130	1.8%	571.3	175
20706	33,213	172	4.8%	517.9	175	4.6%	526.9	347	4.7%	1,044.8	95
20707	27,648	81	2.2%	293.0	67	1.8%	242.3	148	2.0%	535.3	186
20708	21,845	97	2.7%	444.0	81	2.1%	370.8	178	2.4%	814.8	122
20710	7,911	49	1.4%	619.4	45	1.2%	568.8	94	1.3%	1,188.2	84
20712	7,938	58	1.6%	730.7	72	1.9%	907.0	130	1.8%	1,637.7	61
20715	23,856	39	1.1%	163.5	25	0.7%	104.8	64	0.9%	268.3	372
20716	18,202	48	1.3%	263.7	55	1.4%	302.2	103	1.4%	565.9	176
20720	18,303	44	1.2%	240.4	37	1.0%	202.2	81	1.1%	442.6	225
20721	24,002	88	2.4%	366.6	74	1.9%	308.3	162	2.2%	674.9	148
20722	4,982	27	0.7%	542.0	24	0.6%	481.7	51	0.7%	1,023.7	97
20735	31,891	132	3.6%	413.9	117	3.1%	366.9	249	3.4%	780.8	128
20737	17,199	93	2.6%	540.7	77	2.0%	447.7	170	2.3%	988.4	101
20740	28,008	64	1.8%	228.5	47	1.2%	167.8	111	1.5%	396.3	252
20742	8,312	2	0.1%	24.1	4	0.1%	48.1	6	0.1%	72.2	1,385
20743	33,901	268	7.4%	790.5	328	8.6%	967.5	596	8.0%	1,758.1	56
20744	45,849	167	4.6%	364.2	186	4.9%	405.7	353	4.8%	769.9	129
20745	25,190	160	4.4%	635.2	206	5.4%	817.8	366	4.9%	1,452.9	68
20746	25,173	204	5.6%	810.4	191	5.0%	758.7	395	5.3%	1,569.1	63
20747	34,957	245	6.8%	700.9	269	7.1%	769.5	514	6.9%	1,470.4	68
20748	35,002	213	5.9%	608.5	238	6.3%	680.0	451	6.1%	1,288.5	77
20762	2,163	2	0.1%	92.5	1	0.0%	46.2	3	0.0%	138.7	721
20769	5,784	10	0.3%	172.9	9	0.2%	155.6	19	0.3%	328.5	304
20770	22,269	108	3.0%	485.0	120	3.2%	538.9	228	3.1%	1,023.8	97
20772	37,812	135	3.7%	357.0	121	3.2%	320.0	256	3.5%	677.0	147
20774	38,433	185	5.1%	481.4	153	4.0%	398.1	338	4.6%	879.5	113
20781	9,968	39	1.1%	391.3	45	1.2%	451.4	84	1.1%	842.7	118
20782	27,123	159	4.4%	586.2	171	4.5%	630.5	330	4.4%	1,216.7	82
20783	39,271	120	3.3%	305.6	205	5.4%	522.0	325	4.4%	827.6	120
20784	25,061	156	4.3%	622.5	172	4.5%	686.3	328	4.4%	1,308.8	76
20785	30,132	277	7.7%	919.3	271	7.1%	899.4	548	7.4%	1,818.7	54
20903	4,610	19	0.5%	412.1	15	0.4%	325.4	34	0.5%	737.5	135
20904	276	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	--
20912	3,011	21	0.6%	697.3	30	0.8%	996.2	51	0.7%	1,693.5	59
Unknown	--	38	1.0%	--	39	1.0%	--	77	1.0%	--	--
Total	763,442	3,620	100.0%	474.2	3,798	100.0%	497.5	7,418	100.0%	971.7	102

*** Data withheld due to low population counts and/or case counts

Table 4 – Adult/Adolescent HIV Cases Alive on December 31, 2017, by Jurisdiction of Residence at Diagnosis and Current Residence, Reported through June 30, 2018

Jurisdiction of Residence	Population Age 13+	Adult/Adolescent Total Living HIV Cases								
		Residence at Diagnosis				Current Residence				% Change
		No.	% of Total	Rate	Ratio (1 in X)	No.	% of Total	Rate	Ratio (1 in X)	
20601	266	***	***	***	***	***	***	***	***	***
20607	8,680	40	0.5%	460.8	216	62	0.8%	714.3	139	55.0%
20608	851	***	***	***	***	***	***	***	***	***
20613	9,128	42	0.6%	460.1	217	62	0.8%	679.2	147	47.6%
20623	2,464	14	0.2%	568.1	176	15	0.2%	608.7	164	7.1%
20705	22,756	130	1.8%	571.3	175	172	2.3%	755.9	132	32.3%
20706	33,213	347	4.7%	1,044.8	95	301	4.1%	906.3	110	-13.3%
20707	27,648	148	2.0%	535.3	186	171	2.3%	618.5	161	15.5%
20708	21,845	178	2.4%	814.8	122	186	2.5%	851.5	117	4.5%
20710	7,911	94	1.3%	1,188.2	84	84	1.1%	1,061.8	94	-10.6%
20712	7,938	130	1.8%	1,637.7	61	97	1.3%	1,222.0	81	-25.4%
20715	23,856	64	0.9%	268.3	372	60	0.8%	251.5	397	-6.3%
20716	18,202	103	1.4%	565.9	176	108	1.5%	593.3	168	4.9%
20720	18,303	81	1.1%	442.6	225	111	1.5%	606.5	164	37.0%
20721	24,002	162	2.2%	674.9	148	163	2.2%	679.1	147	0.6%
20722	4,982	51	0.7%	1,023.7	97	51	0.7%	1,023.7	97	0.0%
20735	31,891	249	3.4%	780.8	128	296	4.0%	928.2	107	18.9%
20737	17,199	170	2.3%	988.4	101	150	2.0%	872.1	114	-11.8%
20740	28,008	111	1.5%	396.3	252	115	1.6%	410.6	243	3.6%
20742	8,312	6	0.1%	72.2	1,385	3	0.0%	36.1	2,770	-50.0%
20743	33,901	596	8.0%	1,758.1	56	540	7.3%	1,592.9	62	-9.4%
20744	45,849	353	4.8%	769.9	129	348	4.7%	759.0	131	-1.4%
20745	25,190	366	4.9%	1,452.9	68	324	4.4%	1,286.2	77	-11.5%
20746	25,173	395	5.3%	1,569.1	63	431	5.9%	1,712.1	58	9.1%
20747	34,957	514	6.9%	1,470.4	68	551	7.5%	1,576.2	63	7.2%
20748	35,002	451	6.1%	1,288.5	77	424	5.8%	1,211.4	82	-6.0%
20762	2,163	3	0.0%	138.7	721	0	0.0%	0.0	--	-100.0%
20769	5,784	19	0.3%	328.5	304	28	0.4%	484.1	206	47.4%
20770	22,269	228	3.1%	1,023.8	97	208	2.8%	934.0	107	-8.8%
20772	37,812	256	3.5%	677.0	147	310	4.2%	819.8	121	21.1%
20774	38,433	338	4.6%	879.5	113	441	6.0%	1,147.5	87	30.5%
20781	9,968	84	1.1%	842.7	118	94	1.3%	943.0	106	11.9%
20782	27,123	330	4.4%	1,216.7	82	299	4.1%	1,102.4	90	-9.4%
20783	39,271	325	4.4%	827.6	120	236	3.2%	600.9	166	-27.4%
20784	25,061	328	4.4%	1,308.8	76	302	4.1%	1,205.0	82	-7.9%
20785	30,132	548	7.4%	1,818.7	54	477	6.5%	1,583.1	63	-13.0%
20903	4,610	34	0.5%	737.5	135	29	0.4%	629.0	158	-14.7%
20904	276	0	0.0%	0.0	--	0	0.0%	0.0	--	--
20912	3,011	51	0.7%	1,693.5	59	43	0.6%	1,427.9	70	-15.7%
Unknown	--	77	1.0%	--	--	63	0.9%	--	--	-18.2%
Total	763,442	7,418	100.0%	971.7	102	7,361	100.0%	964.2	103	-0.8%

*** Data withheld due to low population counts and/or case counts

Table 5 – CD4 Test Results during 2017 for Adult/Adolescent HIV Cases Alive on December 31, 2017, by Jurisdiction of Current Residence, Reported through June 30, 2018

Jurisdiction of Current Residence	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
20601	4	***	***	***	***	***	***	***
20607	62	57	91.9%	664	7.0%	8.8%	15.8%	68.4%
20608	2	***	***	***	***	***	***	***
20613	62	47	75.8%	686	4.3%	17.0%	12.8%	66.0%
20623	15	11	73.3%	622	9.1%	9.1%	9.1%	72.7%
20705	172	129	75.0%	563	7.8%	13.2%	17.8%	61.2%
20706	301	223	74.1%	580	8.1%	14.8%	16.1%	61.0%
20707	171	133	77.8%	612	12.8%	10.5%	14.3%	62.4%
20708	186	129	69.4%	609	9.3%	12.4%	14.0%	64.3%
20710	84	59	70.2%	552	5.1%	8.5%	25.4%	61.0%
20712	97	61	62.9%	582	8.2%	16.4%	8.2%	67.2%
20715	60	42	70.0%	691	4.8%	9.5%	16.7%	69.0%
20716	108	81	75.0%	623	8.6%	11.1%	17.3%	63.0%
20720	111	88	79.3%	591	6.8%	18.2%	11.4%	63.6%
20721	163	125	76.7%	572	12.8%	8.0%	16.8%	62.4%
20722	51	38	74.5%	642	5.3%	26.3%	10.5%	57.9%
20735	296	224	75.7%	543	12.5%	10.7%	17.9%	58.9%
20737	150	109	72.7%	533	15.6%	11.0%	19.3%	54.1%
20740	115	84	73.0%	635	2.4%	10.7%	25.0%	61.9%
20742	3	***	***	***	***	***	***	***
20743	540	415	76.9%	557	9.2%	13.0%	19.5%	58.3%
20744	348	261	75.0%	576	8.8%	14.6%	17.2%	59.4%
20745	324	240	74.1%	564	8.3%	15.0%	20.4%	56.3%
20746	431	313	72.6%	598	8.3%	9.9%	21.4%	60.4%
20747	551	427	77.5%	561	12.2%	10.5%	19.7%	57.6%
20748	424	303	71.5%	593	9.2%	10.6%	17.8%	62.4%
20762	0	--	--	--	--	--	--	--
20769	28	21	75.0%	694	4.8%	9.5%	14.3%	71.4%
20770	208	153	73.6%	627	11.1%	11.1%	16.3%	61.4%
20772	310	237	76.5%	590	7.2%	14.3%	19.8%	58.6%
20774	441	340	77.1%	609	7.1%	13.8%	15.6%	63.5%
20781	94	63	67.0%	600	0.0%	15.9%	20.6%	63.5%
20782	299	199	66.6%	586	7.5%	14.6%	15.6%	62.3%
20783	236	176	74.6%	542	8.0%	15.9%	20.5%	55.7%
20784	302	209	69.2%	580	9.6%	12.9%	16.3%	61.2%
20785	477	345	72.3%	583	10.1%	11.0%	16.8%	62.0%
20903	29	21	72.4%	538	19.0%	9.5%	19.0%	52.4%
20904	0	--	--	--	--	--	--	--
20912	43	34	79.1%	588	14.7%	11.8%	11.8%	61.8%
Unknown	63	39	61.9%	613	5.1%	15.4%	25.6%	53.8%
Total	7,361	5,445	74.0%	581	9.1%	12.6%	17.8%	60.6%

*** Data withheld due to low population counts and/or case counts

Table 6 – Viral Load Test Results during 2017 for Adult/Adolescent HIV Cases Alive on December 31, 2017, by Jurisdiction of Current Residence, Reported through June 30, 2018

Jurisdiction of Current Residence	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			Median Unsuppressed
		No. with Test	% with Test	% Suppressed	
20601	4	***	***	***	***
20607	62	57	91.9%	82.5%	150,447
20608	2	***	***	***	***
20613	62	49	79.0%	85.7%	2,710
20623	15	11	73.3%	90.9%	14,100
20705	172	130	75.6%	90.0%	10,040
20706	301	230	76.4%	85.2%	34,970
20707	171	136	79.5%	85.3%	49,897
20708	186	129	69.4%	82.2%	18,921
20710	84	60	71.4%	80.0%	2,786
20712	97	61	62.9%	85.2%	12,603
20715	60	41	68.3%	82.9%	779
20716	108	82	75.9%	90.2%	4,291
20720	111	87	78.4%	83.9%	14,088
20721	163	128	78.5%	83.6%	29,600
20722	51	38	74.5%	78.9%	16,400
20735	296	227	76.7%	82.4%	13,518
20737	150	109	72.7%	81.7%	27,703
20740	115	87	75.7%	92.0%	2,320
20742	3	***	***	***	***
20743	540	416	77.0%	85.1%	17,822
20744	348	255	73.3%	83.1%	13,700
20745	324	242	74.7%	83.1%	30,135
20746	431	316	73.3%	83.5%	10,500
20747	551	435	78.9%	80.9%	26,100
20748	424	303	71.5%	84.8%	12,953
20762	0	--	--	--	--
20769	28	22	78.6%	95.5%	6,450
20770	208	158	76.0%	86.1%	45,800
20772	310	238	76.8%	83.2%	6,380
20774	441	344	78.0%	86.3%	12,500
20781	94	63	67.0%	88.9%	1,773
20782	299	206	68.9%	87.9%	48,800
20783	236	175	74.2%	86.3%	27,528
20784	302	211	69.9%	86.7%	24,100
20785	477	342	71.7%	81.9%	11,216
20903	29	22	75.9%	86.4%	81,284
20904	0	--	--	--	--
20912	43	34	79.1%	82.4%	26,990
Unknown	63	40	63.5%	87.5%	3,480
Total	7,361	5,493	74.6%	84.5%	14,157

*** Data withheld due to low population counts and/or case counts

Section V – Cases by Age

Table 7 – HIV Diagnoses during 2017, Linked to Care, Late Diagnosis, and First CD4 Test Result by Age at HIV Diagnosis, Reported through June 30, 2018

Age at HIV Diagnosis	Population	Reported HIV Diagnoses							
		No.	% of Total	Rate	Linked to Care		Late HIV Diagnoses	First CD4 Test Result	
					% 1 mo.	% 3 mo.		%	Median Count
<5 (Pediatric)	59,248	0	0.0%	0.0	--	--	--	--	--
5-12 (Pediatric)	90,066	0	0.0%	0.0	--	--	--	--	--
13-19	80,710	16	5.0%	19.8	87.5%	93.8%	***	100.0%	338
20-29	132,934	111	34.7%	83.5	91.9%	95.5%	18.9%	92.8%	378
30-39	129,437	96	30.0%	74.2	94.8%	95.8%	36.5%	87.5%	295
40-49	121,725	53	16.6%	43.5	81.1%	90.6%	43.4%	94.3%	242
50-59	128,672	28	8.8%	21.8	89.3%	96.4%	42.9%	96.4%	311
60+	169,964	16	5.0%	9.4	62.5%	75.0%	37.5%	87.5%	264
Total	912,756	320	100.0%	35.1	89.1%	93.8%	31.6%	91.9%	330

*** Data withheld due to low population counts and/or case counts

Table 8 – HIV Cases Alive on December 31, 2017, by Age on December 31, 2017, Reported through June 30, 2018

Age on December 31, 2017	Population	Total Living HIV Cases				
		No.	% of Total	% Living with AIDS	Rate	Ratio (1 in X)
<5	59,248	1	0.0%	0.0%	0.0	59,248
5-12	90,066	16	0.2%	31.3%	0.2	5,629
13-19	80,710	58	0.8%	32.8%	1.0	1,391
20-29	132,934	936	12.7%	26.4%	9.6	142
30-39	129,437	1,665	22.6%	40.5%	17.5	77
40-49	121,725	1,827	24.8%	56.7%	20.4	66
50-59	128,672	1,863	25.3%	61.6%	19.7	69
60+	169,964	1,012	13.7%	63.4%	8.1	167
Total	912,756	7,378	100.0%	51.1%	11.0	123

Table 9 – CD4 Test Results during 2017 for Adult/Adolescent HIV Cases Alive on December 31, 2017, by Age on December 31, 2017, Reported through June 30, 2018

Age on December 31, 2017	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Results						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
13-19	58	44	75.9%	512	13.6%	15.9%	18.2%	52.3%
20-29	936	660	70.5%	598	7.7%	11.8%	17.6%	62.9%
30-39	1,665	1,176	70.6%	581	9.4%	11.6%	17.7%	61.3%
40-49	1,827	1,346	73.7%	575	10.5%	12.5%	17.8%	59.1%
50-59	1,863	1,436	77.1%	593	9.1%	12.8%	17.1%	61.1%
60+	1,012	783	77.4%	579	7.0%	14.0%	19.4%	59.5%
Total	7,361	5,445	74.0%	581	9.1%	12.6%	17.8%	60.6%

Table 10 – Viral Load Test Results during 2017 for Adult/Adolescent HIV Cases Alive on December 31, 2017, by Age on December 31, 2017, Reported through June 30, 2018

Age on December 31, 2017	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			Median Unsuppressed
		No. with Test	% with Test	% Suppressed	
13-19	58	48	82.8%	56.3%	14,322
20-29	936	669	71.5%	72.3%	18,500
30-39	1,665	1,194	71.7%	82.2%	13,855
40-49	1,827	1,355	74.2%	85.5%	13,935
50-59	1,863	1,447	77.7%	87.6%	14,213
60+	1,012	780	77.1%	92.6%	5,119
Total	7,361	5,493	74.6%	84.5%	14,157

Section VI – Adult/Adolescent Cases by Demographics

Table 11 – Adult/Adolescent HIV Diagnoses during 2017, Linked to Care, Late Diagnosis, and First CD4 Test Result by Sex at Birth, Gender, Race/Ethnicity, and Country of Birth, Reported through June 30, 2018

Demographic Characteristics	Population Age 13+	Adult/Adolescent Reported HIV Diagnoses							
		No.	% of Total	Rate	Linked to Care		Late HIV Diagnoses	First CD4 Test Result	
					% 1 mo.	% 3 mo.		%	Median Count
Sex at Birth	363,656	228	71.3%	62.7	90.4%	94.3%	32.5%	93.0%	323
Male	399,786	92	28.8%	23.0	85.9%	92.4%	29.3%	89.1%	338
Female									
Gender									
Male	--	227	70.9%	--	***	***	***	***	***
Female	--	92	28.8%	--	***	***	***	***	***
Transgender Female	--	1	0.3%	--	***	***	***	***	***
Transgender Male	--	0	0.0%	--	--	--	--	--	--
Another Gender Identity	--	0	0.0%	--	--	--	--	--	--
Race/Ethnicity									
Hispanic	124,425	40	12.5%	32.1	90.0%	92.5%	42.5%	82.5%	277
Non-Hispanic	639,017	280	87.5%	43.8	88.9%	93.9%	30.0%	93.2%	338
American Indian/Alaska Native, only	1,948	0	0.0%	0.0	--	--	--	--	--
Asian, only	35,334	1	0.3%	2.8	***	***	***	***	***
Black, only	483,731	258	80.6%	53.3	89.1%	94.2%	29.8%	93.4%	338
Native Hawaiian/Other Pacific Islander, only	337	0	0.0%	0.0	--	--	--	--	--
White, only	104,770	13	4.1%	12.4	76.9%	84.6%	38.5%	84.6%	382
Multiracial/Other	12,897	8	2.5%	62.0	***	***	***	***	***
Total	763,442	320	100.0%	41.9	89.1%	93.8%	31.6%	91.9%	330
Country of Birth									
United States	564,854	238	74.4%	42.1	89.9%	93.3%	31.9%	91.2%	326
Foreign-Born	184,413	60	18.8%	32.5	86.7%	95.0%	36.7%	95.0%	306
Africa	--	44	13.8%	--	88.6%	97.7%	36.4%	95.5%	305
Asia	--	0	0.0%	--	--	--	--	--	--
Caribbean	--	2	0.6%	--	***	***	***	***	***
Central America	--	13	4.1%	--	84.6%	92.3%	38.5%	92.3%	365
Other	--	1	0.3%	--	***	***	***	***	***
Unknown	--	22	6.9%	--	86.4%	95.5%	***	90.9%	580
Total	749,268	320	100.0%	42.7	89.1%	93.8%	31.6%	101	31.6%

Note. Population data by sex at birth, age, and race/ethnicity are from the 2017 U.S. Census population estimates. Population data by gender are unavailable. Population data by country of birth are from the 2016 American Community Survey.

*** Data withheld due to low population and/or case counts

Table 12 – Adult/Adolescent Living HIV Cases Alive on December 31, 2017, by Sex at Birth, Gender, Race/Ethnicity, and Country of Birth, Reported through June 30, 2018

Demographic Characteristics	Population Age 13+	Adult/Adolescent Total Living HIV Cases				
		No.	% of Total	% Living with AIDS	Rate	Ratio (1 in X)
Sex at Birth						
Male	363,656	4,944	67.2%	50.1%	1,359.5	73
Female	399,786	2,417	32.8%	53.4%	604.6	165
Gender						
Male	--	4,901	66.6%	50.1%	--	--
Female	--	2,416	32.8%	53.4%	--	--
Transgender Female	--	43	0.6%	48.8%	--	--
Transgender Male	--	1	0.0%	100.0%	--	--
Another Gender Identity	--	0	0.0%	0.0%	--	--
Race/Ethnicity						
Hispanic	124,425	581	7.9%	54.9%	466.9	214
Non-Hispanic	639,017	6,780	92.1%	50.8%	1,061.0	94
American Indian/Alaska Native, only	1,948	***	***	***	***	***
Asian, only	35,334	31	0.4%	32.3%	87.7	1,139
Black, only	483,731	6,121	83.2%	50.4%	1,265.4	79
Native Hawaiian/Other Pacific Islander, only	337	***	***	***	***	***
White, only	104,770	295	4.0%	48.5%	281.6	355
Multiracial/Other	12,897	329	4.5%	62.9%	2,550.9	39
Total	763,442	7,361	100.0%	51.1%	964.2	103
Country of Birth						
United States	564,854	6,264	85.1%	51.3%	1,109.0	90
Foreign-Born	184,413	931	12.6%	53.1%	504.8	198
Africa	--	606	8.2%	50.7%	--	--
Asia	--	24	0.3%	41.7%	--	--
Caribbean	--	70	1.0%	48.6%	--	--
Central America	--	175	2.4%	63.4%	--	--
Other	--	56	0.8%	57.1%	--	--
Unknown	--	166	2.3%	36.1%	--	--
Total	749,268	7,361	100.0%	51.1%	982.4	101

Note. Population data by sex at birth, age, and race/ethnicity are from the 2017 U.S. Census population estimates. Population data by gender are unavailable. Population data by country of birth are from the 2016 American Community Survey.

*** Data withheld due to low population and/or case counts

Table 13 – CD4 Test Results during 2017 for Adult/Adolescent HIV Cases Alive on December 31, 2017, by Sex at Birth, Gender, Race/Ethnicity and Country of Birth, Reported through June 30, 2018

Demographic Characteristics	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
Sex at Birth								
Male	4,944	3,608	73.0%	559	9.2%	13.6%	18.8%	58.3%
Female	2,417	1,837	76.0%	620	8.8%	10.5%	15.8%	64.9%
Gender								
Male	4,901	***	***	***	***	***	***	***
Female	2,416	***	***	***	***	***	***	***
Transgender Female	43	***	***	***	***	***	***	***
Transgender Male	1	***	***	***	***	***	***	***
Another Gender Identity	0	--	--	--	--	--	--	--
Race/Ethnicity								
Hispanic	581	440	75.7%	544	9.5%	13.6%	20.5%	56.4%
Non-Hispanic	6,780	5,005	73.8%	584	9.0%	12.5%	17.6%	60.9%
American Indian/Alaska Native, only	***	***	***	***	***	***	***	***
Asian, only	31	24	77.4%	490	8.3%	12.5%	33.3%	45.8%
Black, only	6,121	4,509	73.7%	582	9.2%	12.4%	17.6%	60.8%
Native Hawaiian/Other Pacific Islander, only	***	***	***	***	***	***	***	***
White, only	295	207	70.2%	627	4.8%	10.6%	17.9%	66.7%
Multiracial/Other	329	262	79.6%	574	9.9%	15.6%	15.3%	59.2%
Country of Birth								
United States	6,264	4,640	74.1%	584	9.1%	12.6%	17.5%	60.8%
Foreign-Born	931	687	73.8%	567	9.0%	11.5%	20.4%	59.1%
Africa	606	439	72.4%	563	9.6%	11.8%	20.3%	58.3%
Asia	24	22	91.7%	571	0.0%	4.5%	31.8%	63.6%
Caribbean	70	51	72.9%	663	7.8%	5.9%	11.8%	74.5%
Central America	175	131	74.9%	555	9.9%	14.5%	22.1%	53.4%
Other	56	44	78.6%	667	6.8%	9.1%	20.5%	63.6%
Unknown	166	118	71.1%	584	6.8%	16.9%	16.1%	60.2%
Total	7,361	5,445	74.0%	581	9.1%	12.6%	17.8%	60.6%

*** Data withheld due to low population and/or case counts

Table 14 – Viral Load Test Results during 2017 for Adult/Adolescent HIV Cases Alive on December 31, 2017, by Sex at Birth, Gender, Race/Ethnicity and Country of Birth, Reported through June 30, 2018

Demographic Characteristics	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			Median Unsuppressed
		No. with Test	% with Test	% Suppressed	
Sex at Birth					
Male	4,944	3,625	73.3%	84.4%	16,100
Female	2,417	1,868	77.3%	84.6%	12,970
Gender					
Male	4,901	***	***	***	***
Female	2,416	***	***	***	***
Transgender Female	43	***	***	***	***
Transgender Male	1	***	***	***	***
Another Gender Identity	0	--	--	--	--
Race/Ethnicity					
Hispanic	581	440	75.7%	87.0%	15,500
Non-Hispanic	6,780	5,053	74.5%	84.3%	14,077
American Indian/Alaska Native, only	***	***	***	***	***
Asian, only	31	24	77.4%	100.0%	--
Black, only	6,121	4,555	74.4%	83.9%	13,970
Native Hawaiian/Other Pacific Islander, only	***	***	***	***	***
White, only	295	210	71.2%	90.5%	40,481
Multiracial/Other	329	261	79.3%	84.7%	10,700
Country of Birth					
United States	6,264	4,677	74.7%	84.0%	13,610
Foreign-Born	931	697	74.9%	88.4%	39,400
Africa	606	451	74.4%	87.8%	40,100
Asia	24	21	87.5%	100.0%	--
Caribbean	70	51	72.9%	88.2%	15,535
Central America	175	131	74.9%	87.8%	54,650
Other	56	43	76.8%	90.7%	39,263
Unknown	166	119	71.7%	81.5%	46,214
Total	7,361	5,493	74.6%	84.5%	14,157

*** Data withheld due to low population and/or case counts

Section VII – HIV Cases by Expanded Demographics

Figure 9 – Population Pyramids of Total Living HIV Cases by Current Age, Sex at Birth, and Race/Ethnicity, Alive on December 31, 2017 and Reported through June 30, 2018

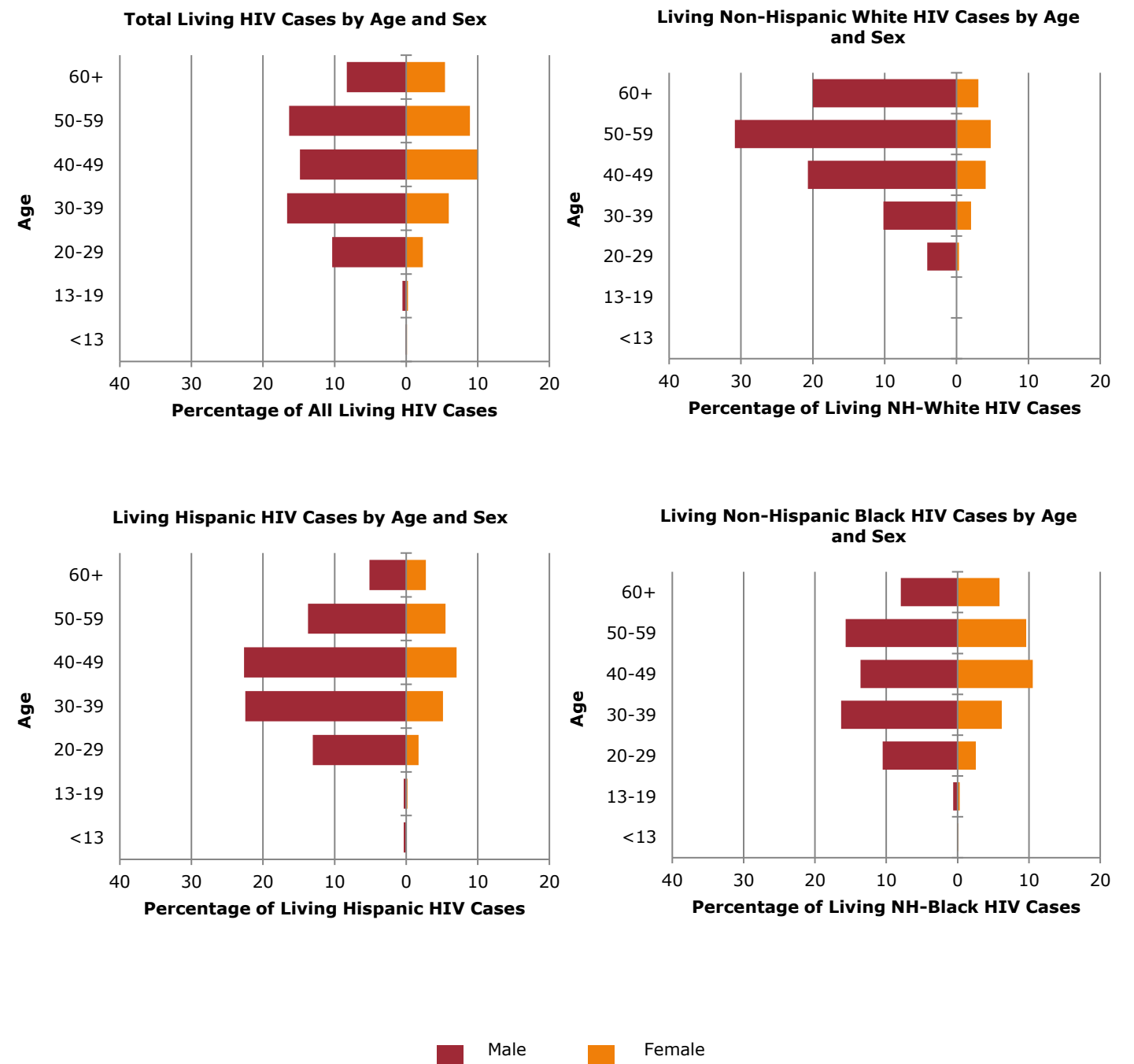


Table 15 – Total Living Male HIV Cases by Current Age and Race/Ethnicity, Alive on December 31, 2017 and Reported through June 30, 2018

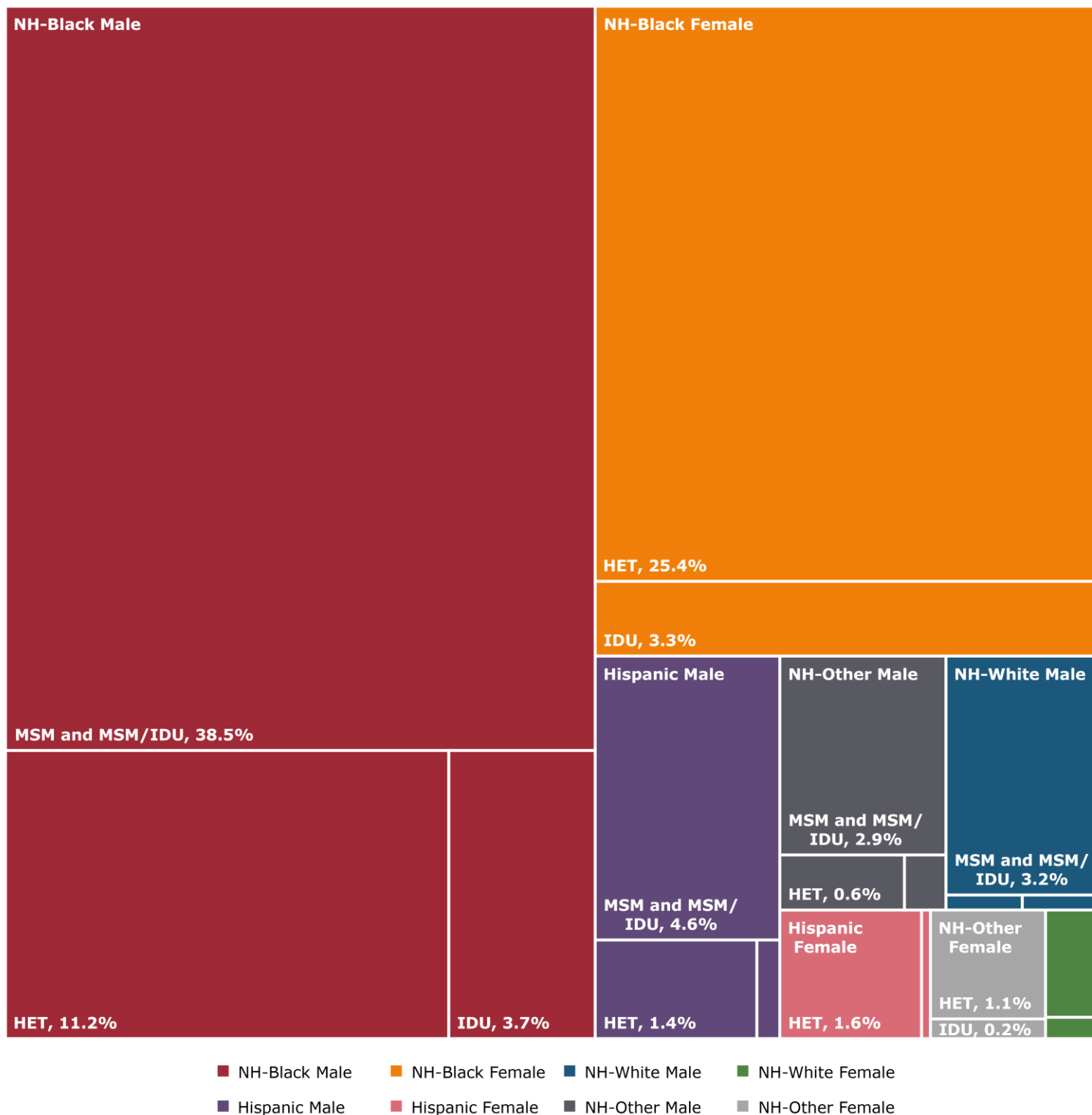
Total Living Male HIV Cases						
Age on December 31, 2017		Race/Ethnicity				Total Males by Age Group
		Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic Other Race	
<13 (Pediatric)	Population	22,783	41,916	5,834	5,416	75,948
	Cases	2	6	0	0	8
	Rate	8.8	14.3	0.0	0.0	10.5
	Ratio (1 in X)	11,391	6,985	--	--	9,493
13-19	Population	9,371	23,856	4,899	3,068	41,195
	Cases	2	37	0	0	39
	Rate	21.3	155.1	0.0	0.0	94.7
	Ratio (1 in X)	4,685	644	--	--	1,056
20-29	Population	13,587	39,407	9,025	5,562	67,581
	Cases	76	645	12	31	764
	Rate	559.4	1,636.8	133.0	557.4	1,130.5
	Ratio (1 in X)	178	61	752	179	88
30-39	Population	17,639	35,032	7,384	4,178	64,233
	Cases	131	1,001	30	65	1,227
	Rate	742.7	2,857.4	406.3	1,555.8	1,910.2
	Ratio (1 in X)	134	34	246	64	52
40-49	Population	14,552	34,998	5,767	3,361	58,678
	Cases	132	835	61	66	1,094
	Rate	907.1	2,385.9	1,057.7	1,963.7	1,864.4
	Ratio (1 in X)	110	41	94	50	53
50-59	Population	7,992	39,633	8,856	3,048	59,529
	Cases	80	962	91	74	1,207
	Rate	1,001.0	2,427.3	1,027.6	2,427.8	2,027.6
	Ratio (1 in X)	99	41	97	41	49
60+	Population	4,947	46,683	16,359	4,451	72,440
	Cases	30	489	59	35	613
	Rate	606.4	1,047.5	360.7	786.3	846.2
	Ratio (1 in X)	164	95	277	127	118
Total Males by Race/Ethnicity	Population	90,871	261,525	58,124	29,084	439,604
	Cases	453	3,975	253	271	4,952
	Rate	498.5	1,519.9	435.3	931.8	1,126.5
	Ratio (1 in X)	200	65	229	107	88

Table 16 – Total Living Female HIV Cases by Current Age and Race/Ethnicity, Alive on December 31, 2017 and Reported through June 30, 2018

Total Living Female HIV Cases						
Age on December 31, 2017		Race/Ethnicity				Total Females by Age Group
		Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic Other Race	
<13 (Pediatric)	Population	21,831	41,064	5,419	5,051	73,366
	Cases	0	8	0	1	9
	Rate	0.0	19.5	0.0	19.8	12.3
	Ratio (1 in X)	--	5,133	--	5,051	8,151
13-19	Population	8,562	23,691	4,374	2,889	39,515
	Cases	1	18	0	0	19
	Rate	11.7	76.0	0.0	0.0	48.1
	Ratio (1 in X)	8,561	1,316	--	--	2,079
20-29	Population	11,465	41,109	7,749	5,030	65,353
	Cases	10	156	1	5	172
	Rate	87.2	379.5	12.9	99.4	263.2
	Ratio (1 in X)	1,146	263	7,749	1,006	379
30-39	Population	13,360	40,282	6,837	4,725	65,204
	Cases	30	380	6	22	438
	Rate	224.6	943.3	87.8	465.6	671.7
	Ratio (1 in X)	445	106	1,139	214	148
40-49	Population	10,705	42,660	5,552	4,130	63,047
	Cases	41	647	12	33	733
	Rate	383.0	1,516.6	216.1	799.0	1,162.6
	Ratio (1 in X)	261	65	462	125	86
50-59	Population	6,766	49,637	8,715	4,025	69,143
	Cases	32	590	14	20	656
	Rate	473.0	1,188.6	160.6	496.9	948.8
	Ratio (1 in X)	211	84	622	201	105
60+	Population	5,480	66,743	19,252	6,049	97,524
	Cases	16	361	9	13	399
	Rate	292.0	540.9	46.7	214.9	409.1
	Ratio (1 in X)	342	184	2,139	465	244
Total Females by Race/Ethnicity	Population	78,169	305,186	57,898	31,899	473,152
	Cases	130	2,160	42	94	2,426
	Rate	166.3	707.8	72.5	294.7	512.7
	Ratio (1 in X)	601	141	1,378	339	195

Section VIII – HIV Exposure Category

Figure 10 – Proportion of Adult/Adolescent Total Living HIV Cases, by Estimated Exposure Category, Race/Ethnicity, and Sex at Birth, Alive on December 31, 2017, Reported through June 30, 2018



Note. Other exposure category and perinatal transmission not shown (<1 percent). Multiple imputation was used to estimate and adjust for missing transmission category.

Table 17 – Adult/Adolescent HIV Diagnoses during 2017, Linked to Care, Late Diagnosis, and First CD4 Test Result, by Estimated or Reported Exposure Category and Sex at Birth, Reported through June 30, 2018

Estimated or Reported Exposure Category	Adult/Adolescent Reported HIV Diagnoses						
	No.	% of Total	Linked to Care		Late HIV Diagnoses	First CD4 Test Result	
			% 1 mo.	% 3 mo.	%	%	Median Count
Male-to-male Sexual Contact (MSM)	173	54.2%	91.5%	95.5%	29.5%	93.3%	344
Injection Drug Use (IDU)	11	3.3%	86.9%	93.5%	***	88.8%	388
Male-to-male Sexual Contact and Injection Drug Use (MSM/IDU)	2	0.7%	***	***	***	***	***
Heterosexual Contact (HET)	133	41.5%	85.8%	91.3%	35.1%	90.1%	318
Perinatal Transmission	1	0.3%	***	***	***	***	***
Other Exposures	0	0.0%	--	--	--	--	--
No Estimated or Reported Exposure	0	0.0%	--	--	--	--	--
Total	320	100.0%	89.1%	93.8%	31.6%	91.9%	330
Male Estimated or Reported Exposure Category							
Male-to-male Sexual Contact (MSM)	173	76.1%	91.5%	95.5%	29.5%	93.3%	344
Injection Drug Use (IDU)	8	3.5%	***	***	***	***	***
Male-to-male Sexual Contact and Injection Drug Use (MSM/IDU)	2	1.0%	***	***	***	***	***
Heterosexual Contact (HET)	44	19.5%	86.5%	89.4%	45.7%	91.7%	221
Perinatal Transmission	0	0.0%	--	--	--	--	--
Other Exposures	0	0.0%	--	--	--	--	--
No Estimated or Reported Exposure	0	0.0%	--	--	--	--	--
Total	228	100.0%	90.4%	94.3%	32.5%	93.0%	323
Female Estimated or Reported Exposure Category							
Injection Drug Use (IDU)	3	2.9%	***	***	***	***	***
Heterosexual Contact (HET)	88	96.0%	85.5%	92.3%	29.8%	89.2%	338
Perinatal Transmission	1	1.1%	***	***	***	***	***
Other Exposures	0	0.0%	--	--	--	--	--
No Estimated or Reported Exposure	0	0.0%	--	--	--	--	--
Total	92	100.0%	85.9%	92.4%	29.3%	89.1%	338

Note. Data for 2017 are preliminary because they are based on a 6-month reporting delay and should not be used to assess trends. Data have been statistically adjusted to account for missing transmission category, therefore, values may not sum to column total. Median count is weighted based on statistical adjustment. For exposure category by gender, please see the Maryland HIV Epidemiological Profile Transgender Persons Supplement.

*** Data withheld due to low population and/or case counts

Table 18 – Adult/Adolescent Living HIV Cases Alive on December 31, 2017, by Estimated or Reported Exposure Category and Sex at Birth, Reported through June 30, 2018

Estimated or Reported Exposure Category	Adult/Adolescent Total Living HIV Cases		
	No.	% of Total	% Living with AIDS
Male-to-male Sexual Contact (MSM)	3,435	46.7%	45.2%
Injection Drug Use (IDU)	573	7.8%	64.3%
Male-to-male Sexual Contact and Injection Drug Use (MSM/IDU)	176	2.4%	67.2%
Heterosexual Contact (HET)	3,079	41.8%	54.3%
Perinatal Transmission	70	1.0%	54.3%
Other Exposures	5	0.1%	80.0%
No Estimated or Reported Exposure	23	0.3%	56.5%
Total	7,361	100.0%	51.1%
Male Estimated or Reported Exposure Category			
Male-to-male Sexual Contact (MSM)	3,435	69.5%	45.2%
Injection Drug Users (IDU)	305	6.2%	61.7%
Male-to-male Sexual Contact and Injection Drug Use (MSM/IDU)	176	3.6%	67.2%
Heterosexual Contact (HET)	981	19.8%	60.6%
Perinatal Transmission	30	0.6%	43.3%
Other Exposures	2	0.0%	100.0%
No Estimated or Reported Exposure	15	0.3%	46.7%
Total	4,944	100.0%	50.1%
Female Estimated or Reported Exposure Category			
Injection Drug Use (IDU)	268	11.1%	67.3%
Heterosexual Contact (HET)	2,098	86.8%	51.3%
Perinatal Transmission	40	1.7%	62.5%
Other Exposures	3	0.1%	66.7%
No Estimated or Reported Exposure	8	0.3%	75.0%
Total	2,417	100.0%	53.4%

Note. Data have been statistically adjusted to account for missing transmission category, therefore, values may not sum to column total. For exposure category by gender, please see the Maryland HIV Epidemiological Profile Transgender Persons Supplement.

Table 19 – Adult/Adolescent Total Living HIV Cases by Estimated or Reported Exposure Category, Race/Ethnicity, and Sex at Birth, Alive on December 31, 2017 and Reported through June 30, 2018

Estimated or Reported Exposure Category	Adult/Adolescent Total Living HIV Cases					
	Race/Ethnicity					
	Hispanic		Non-Hispanic, Black, only		Non-Hispanic, White, only	
	No.	% of Total	No.	% of Total	No.	% of Total
Male-to-male Sexual Contact (MSM)	322	55.4%	2,692	44.0%	220	74.6%
Injection Drug Use (IDU)	22	3.8%	513	8.4%	15	5.1%
Male-to-male Sexual Contact and Injection Drug Use (MSM/IDU)	12	2.1%	138	2.3%	14	4.6%
Heterosexual Contact (HET)	219	37.7%	2,692	44.0%	44	15.0%
Perinatal Transmission	6	1.0%	60	1.0%	1	0.3%
Other Exposures	0	0.0%	3	0.0%	1	0.3%
No Estimated or Reported Exposure	0	0.0%	23	0.4%	0	0.0%
Total	581	100.0%	6,121	100.0%	295	100.0%
Male Estimated or Reported Exposure Category						
Male-to-male Sexual Contact (MSM)	322	71.4%	2,692	67.8%	220	87.0%
Injection Drug Use (IDU)	13	2.8%	272	6.9%	8	3.3%
Male-to-male Sexual Contact and Injection Drug Use (MSM/IDU)	12	2.7%	138	3.5%	14	5.4%
Heterosexual Contact (HET)	101	22.4%	825	20.8%	10	3.8%
Perinatal Transmission	3	0.7%	25	0.6%	1	0.4%
Other Exposures	0	0.0%	1	0.0%	0	0.0%
No Estimated or Reported Exposure	0	0.0%	15	0.4%	0	0.0%
Total	451	100.0%	3,969	100.0%	253	100.0%
Female Estimated or Reported Exposure Category						
Injection Drug Use (IDU)	9	7.1%	240	11.2%	7	15.5%
Heterosexual Contact (HET)	118	90.6%	1,867	86.7%	35	82.1%
Perinatal Transmission	3	2.3%	35	1.6%	0	0.0%
Other Exposures	0	0.0%	2	0.1%	1	2.4%
No Estimated or Reported Exposure	0	0.0%	8	0.4%	0	0.0%
Total	130	100.0%	2,152	100.0%	42	100.0%

Note. Data have been statistically adjusted to account for missing transmission category, therefore, values may not sum to column total. For exposure category by gender, please see the Maryland HIV Epidemiological Profile Transgender Persons Supplement.

Table 20 – CD4 Test Results during 2017 for Adult/Adolescent HIV Cases Alive on December 31, 2017, by Estimated or Reported Exposure Category, Reported through June 30, 2018

Estimated or Reported Exposure Category	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Results						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
Male-to-male Sexual Contact (MSM)	3,435	2,509	73.0%	584	8.1%	12.6%	17.7%	61.6%
Injection Drug Use (IDU)	573	412	72.0%	571	9.5%	13.5%	19.1%	57.8%
Male-to-male Sexual Contact and Injection Drug Use (MSM/IDU)	176	131	73.9%	595	7.4%	13.0%	16.7%	62.8%
Heterosexual Contact (HET)	3,079	2,320	75.3%	581	10.0%	12.1%	17.7%	60.2%
Perinatal Transmission	70	52	74.3%	417	15.4%	23.1%	17.3%	44.2%
Other Exposures	5	4	80.0%	417	0.0%	50.0%	0.0%	50.0%
No Estimated or Reported Exposure	23	18	78.3%	593	16.7%	5.6%	16.7%	61.1%
Total	7,361	5,445	74.0%	581	9.1%	12.6%	17.8%	60.6%

Note. Data have been statistically adjusted to account for missing transmission category, therefore, values may not sum to column total. Median count is weighted based on statistical adjustment.

Table 21 – Viral Load Test Results during 2017 for Adult/Adolescent HIV Cases Alive on December 31, 2017, by Estimated or Reported Exposure Category, Reported through June 30, 2018

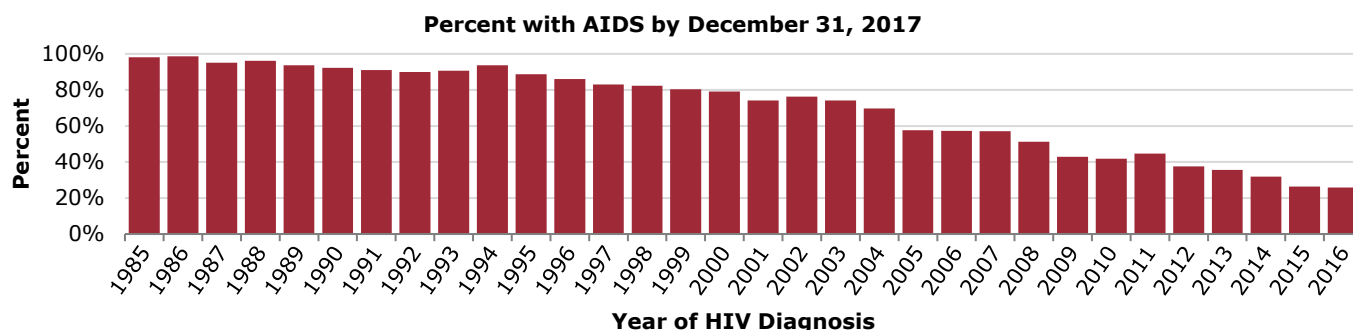
Estimated or Reported Exposure Category	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Results			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
Male-to-male Sexual Contact (MSM)	3,435	2,518	73.3%	83.7%	14,769
Injection Drug Use (IDU)	573	421	73.5%	87.8%	11,858
Male-to-male Sexual Contact and Injection Drug Use (MSM/IDU)	176	129	72.9%	85.1%	3,876
Heterosexual Contact (HET)	3,079	2,348	76.2%	85.5%	15,747
Perinatal Transmission	70	56	80.0%	58.9%	14,768
Other Exposures	5	4	80.0%	100.0%	--
No Estimated or Reported Exposure	23	18	78.3%	55.6%	6,225
Total	7,361	5,493	74.6%	84.5%	14,157

Note. Data have been statistically adjusted to account for missing transmission category, therefore, values may not sum to column total. Median unsuppressed is weighted based on statistical adjustment.

Section IX – Disease Progression and Mortality

Figure 11 – Trends in Disease Progression by Year of HIV Diagnosis, 1985-2016, Reported through June 30, 2018

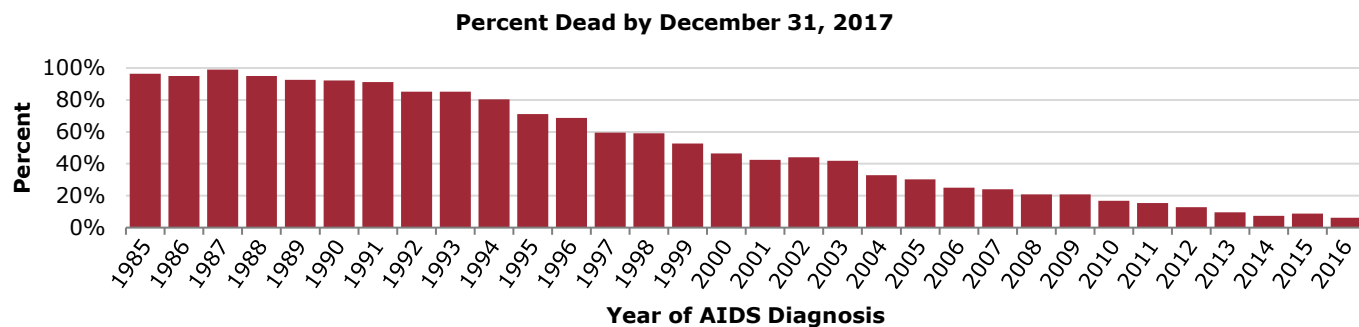
Number of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis by December 31, 2016 (Adult/Adolescent Reported HIV Diagnoses), Number of Adult/Adolescent Reported HIV Cases with an AIDS Diagnosis by December 31, 2017 (Reported AIDS Diagnoses), Percent by Year of HIV Diagnosis of Adult/Adolescent Reported HIV Diagnoses with a Reported AIDS Diagnosis by December 31, 2017, the Average Years from HIV Diagnosis to AIDS Diagnosis for Cases with an AIDS Diagnosis, and the Percent by Year of HIV Diagnosis of Reported Adult/Adolescent HIV Diagnoses with a Reported AIDS Diagnosis at 1 Year, 2 Years, 5 Years, and 10 Years after HIV Diagnosis, by Year of HIV Diagnosis from 1985 through 2016, as Reported by Name through June 30, 2018



Year of HIV Diagnosis	Adult/Adolescent Reported HIV Diagnoses							
	No.	Reported AIDS Diagnoses			Percent with AIDS by Years After HIV Diagnosis			
		No.	% with AIDS	Mean Years from HIV to AIDS	1 Year	2 Years	5 Years	10 Years
<1985	70	64	91.4%	8.1	44.3%	44.3%	45.7%	58.6%
1985	105	103	98.1%	5.1	50.5%	51.4%	55.2%	79.0%
1986	157	155	98.7%	5.0	39.5%	40.8%	51.6%	87.9%
1987	223	212	95.1%	4.0	43.9%	44.8%	61.4%	85.7%
1988	239	230	96.2%	3.3	47.7%	52.7%	74.1%	88.7%
1989	300	281	93.7%	3.1	47.0%	49.0%	73.7%	88.3%
1990	332	306	92.2%	3.1	49.1%	56.6%	73.8%	85.5%
1991	377	343	91.0%	2.7	50.7%	59.7%	78.0%	84.4%
1992	335	301	89.9%	2.9	50.1%	56.1%	73.7%	81.5%
1993	289	262	90.7%	2.4	58.1%	63.0%	74.4%	84.8%
1994	265	248	93.6%	2.0	69.1%	73.6%	80.4%	87.9%
1995	265	235	88.7%	2.0	64.9%	69.4%	74.3%	84.9%
1996	271	233	86.0%	2.1	62.7%	64.6%	72.0%	80.8%
1997	290	241	83.1%	1.7	61.7%	65.9%	72.4%	79.3%
1998	271	223	82.3%	1.9	60.1%	64.6%	69.7%	77.9%
1999	300	241	80.3%	1.9	60.3%	64.7%	69.0%	74.3%
2000	287	227	79.1%	1.9	58.2%	61.0%	67.6%	74.2%
2001	279	207	74.2%	2.0	53.4%	55.6%	63.8%	69.2%
2002	321	245	76.3%	1.2	60.4%	65.4%	70.4%	74.1%
2003	365	271	74.2%	1.7	56.2%	58.6%	63.6%	70.4%
2004	399	278	69.7%	1.8	51.1%	53.9%	58.6%	67.2%
2005	399	230	57.6%	1.3	44.9%	47.6%	51.4%	56.9%
2006	410	235	57.3%	1.5	42.2%	44.1%	50.7%	55.9%
2007	469	268	57.1%	1.7	39.4%	42.6%	49.7%	55.9%
2008	471	241	51.2%	1.4	35.7%	39.1%	46.3%	--
2009	445	191	42.9%	1.6	29.9%	32.1%	37.3%	--
2010	466	195	41.8%	1.1	31.3%	34.3%	38.6%	--
2011	401	179	44.6%	1.0	33.9%	37.4%	41.4%	--
2012	351	132	37.6%	0.8	30.2%	31.9%	37.0%	--
2013	400	142	35.5%	0.5	31.8%	33.5%	--	--
2014	358	114	31.8%	0.6	24.9%	27.4%	--	--
2015	392	103	26.3%	0.3	24.0%	25.8%	--	--
2016	317	82	25.9%	0.3	24.6%	--	--	--
Total	10,619	7,018	66.1%	2.1	44.9%	48.2%	55.8%	62.7%

**Figure 12 – Trends in Survival Times by Year of AIDS Diagnosis, 1985-2016,
Reported through June 30, 2018**

Number of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with an AIDS Diagnosis by December 31, 2016 (Adult/Adolescent Reported AIDS Diagnoses), Number of Adult/Adolescent Reported AIDS Diagnosis Reported to Have Died of Any Cause by December 31, 2017 (Reported AIDS Deaths), Percent by Year of AIDS Diagnosis of Adult/Adolescent Reported AIDS Diagnoses with a Reported AIDS Death (Percent Dead) by December 31, 2017, the Average Years from AIDS Diagnosis to Death for Cases that have Died, and the Percent by Year of AIDS Diagnosis of Adult/Adolescent Reported AIDS Diagnoses Not Reported to Have Died (Percent Alive) at 1 Year, 2 Years, 5 Years, and 10 Years after AIDS Diagnosis, by Year of AIDS Diagnosis from 1985 through 2016, as Reported by Name through June 30, 2018



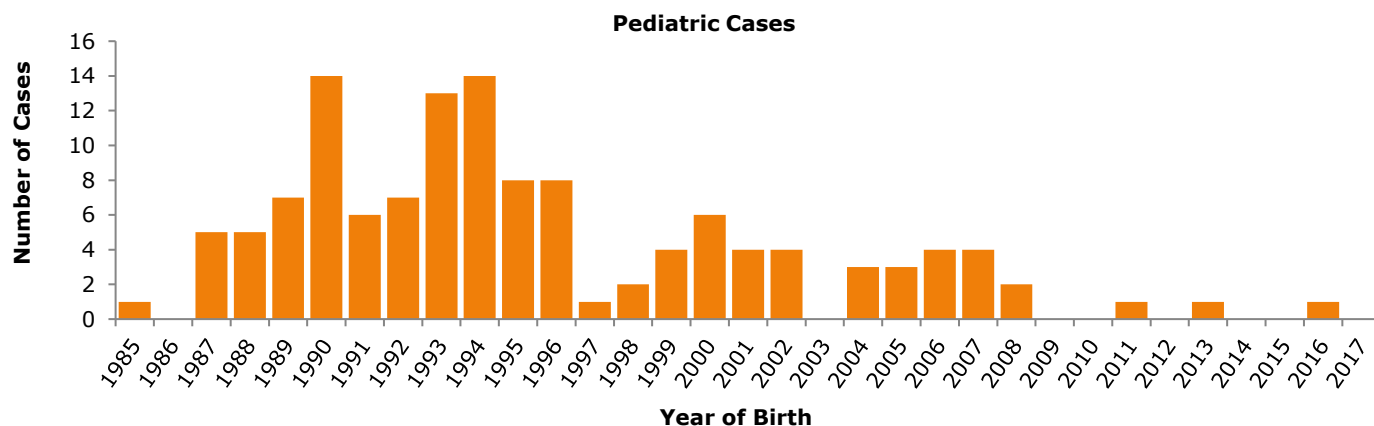
Year of AIDS Diagnosis	Adult/Adolescent Reported AIDS Diagnoses							
	No.	Reported AIDS Deaths			Percent Alive by Years After AIDS Diagnosis			
		No.	% Dead	Mean Years from AIDS to Death	1 Year	2 Years	5 Years	10 Years
<1985	38	38	100.0%	0.9	34.2%	5.3%	2.6%	0.0%
1985	54	52	96.3%	1.6	40.7%	16.7%	14.8%	5.6%
1986	60	57	95.0%	1.9	53.3%	35.0%	11.7%	8.3%
1987	106	105	99.1%	2.2	45.3%	25.5%	11.3%	5.7%
1988	117	111	94.9%	1.8	60.7%	36.8%	13.7%	5.1%
1989	149	138	92.6%	3.1	65.8%	47.7%	20.8%	13.4%
1990	189	174	92.1%	3.0	65.1%	48.7%	23.8%	15.3%
1991	235	214	91.1%	2.6	67.2%	51.9%	18.3%	13.2%
1992	302	257	85.1%	3.4	78.8%	56.3%	27.8%	22.2%
1993	316	269	85.1%	3.6	71.8%	56.3%	32.3%	24.4%
1994	322	259	80.4%	3.3	74.2%	53.1%	37.6%	26.1%
1995	298	212	71.1%	4.3	74.5%	62.1%	50.7%	40.3%
1996	282	194	68.8%	5.1	80.9%	73.0%	61.0%	44.3%
1997	252	150	59.5%	4.7	81.0%	74.6%	61.5%	50.4%
1998	218	129	59.2%	5.2	84.9%	81.7%	69.3%	50.9%
1999	230	121	52.6%	4.4	84.3%	77.8%	67.4%	53.5%
2000	230	107	46.5%	6.0	91.7%	89.6%	78.3%	62.6%
2001	228	97	42.5%	4.3	86.0%	81.6%	72.8%	64.0%
2002	227	100	44.1%	4.7	88.1%	85.0%	73.1%	64.3%
2003	273	114	41.8%	4.0	86.8%	80.6%	71.8%	63.4%
2004	253	83	32.8%	4.6	90.5%	88.5%	80.2%	72.3%
2005	281	85	30.2%	3.6	89.3%	86.8%	78.6%	73.0%
2006	260	65	25.0%	3.8	92.3%	90.0%	83.8%	75.4%
2007	246	59	24.0%	3.1	90.7%	87.4%	82.5%	76.4%
2008	220	46	20.9%	2.0	88.6%	85.9%	82.3%	--
2009	202	42	20.8%	2.2	90.1%	87.6%	82.7%	--
2010	248	42	16.9%	2.1	93.1%	90.3%	85.5%	--
2011	206	32	15.5%	2.1	93.7%	90.8%	85.9%	--
2012	220	28	12.7%	1.3	92.3%	90.0%	87.7%	--
2013	228	22	9.6%	0.6	92.5%	90.8%	--	--
2014	178	13	7.3%	0.7	95.5%	92.7%	--	--
2015	170	15	8.8%	0.5	92.4%	91.2%	--	--
2016*	163	10	6.1%	0.3	94.5%	--	--	--
Total	7,001	3,440	49.1%	3.5	82.6%	74.5%	63.1%	55.7%

*2016 AIDS deaths are preliminary

Section X – Pediatric Cases

Figure 13 – Trends in Pediatric HIV Cases, 1985-2017, Reported through June 30, 2018

Number of Pediatric Reported HIV Cases, Age <13 at HIV Diagnosis, with or without an AIDS Diagnosis (Pediatric Reported HIV Diagnoses) by Year of Birth, by Year of HIV Diagnosis, by Year of AIDS Diagnosis, and by Year of Death Due to Any Cause, and Number of Pediatric Reported HIV Cases, Age <13 at HIV Diagnosis, with or without an AIDS Diagnosis and Not Reported to have Died as of December 31st of Each Year (Pediatric Total Living HIV Cases) from 1985 through 2017, as Reported by Name through June 30, 2018



Year	Pediatric Reported HIV Diagnoses			Pediatric Total Living HIV Cases	
	No. by Year of Birth	No. by Year of HIV Diagnosis	No. by Year of AIDS Diagnosis	No. by Year of Death	No. Alive on December 31st of Each Year
<1985	9	1	0	0	--
1985	1	2	1	0	4
1986	0	2	0	0	6
1987	5	5	4	0	11
1988	5	1	1	2	10
1989	7	5	4	1	14
1990	14	11	6	4	21
1991	6	10	5	3	28
1992	7	7	6	0	32
1993	13	8	6	3	37
1994	14	7	2	0	43
1995	8	9	8	5	47
1996	8	7	8	2	51
1997	1	3	5	0	54
1998	2	3	1	2	55
1999	4	8	4	0	63
2000	6	4	3	1	66
2001	4	3	0	2	67
2002	4	5	0	0	72
2003	0	2	0	4	70
2004	3	5	2	2	73
2005	3	5	2	1	77
2006	4	4	3	0	81
2007	4	9	3	0	90
2008	2	3	1	0	94
2009	0	0	2	0	93
2010	0	1	0	1	94
2011	1	1	1	0	96
2012	0	1	0	0	99
2013	1	1	1	0	100
2014	0	2	0	0	102
2015	0	0	4	0	102
2016	1	2	1	0	106
2017	0	0	1	0	107
Total	137	137	85	33	--

Table 22 – Current Pediatric HIV Total Living HIV Cases, Alive on December 31, 2017, by Jurisdiction of Current Residence, Reported through June 30, 2018

Jurisdiction of Current Residence	Current Pediatric Total Living HIV Cases	
	No.	% of Total
20706	1	6.3%
20707	1	6.3%
20735	2	12.5%
20737	1	6.3%
20743	1	6.3%
20746	1	6.3%
20748	2	12.5%
20774	1	6.3%
20782	2	12.5%
20784	1	6.3%
20785	2	12.5%
20903	1	6.3%
Total	16	100.0%

Table 23 – Current Pediatric HIV Total Living HIV Cases, Alive on December 31, 2017, by Sex at Birth and Race/Ethnicity, Reported through June 30, 2018

Demographic Characteristic	Current Pediatric Total Living HIV Cases	
	No.	% of Total
Sex at Birth		
Male	7	43.8%
Female	9	56.3%
Race/Ethnicity		
Hispanic	2	12.5%
Non-Hispanic	14	87.5%
American Indian/ Alaska Native, only	0	0.0%
Asian, only	0	0.0%
Black, only	12	75.0%
Native Hawaiian/Other Pacific Islander, only	0	0.0%
White, only	0	0.0%
Multiracial/Other	2	12.5%
Total	16	100.0%

Glossary of Terms

Adult/Adolescent Living HIV Cases with AIDS: Reported HIV diagnoses, age 13 years or older as of December 31st of the specified year, with an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Living HIV Cases without AIDS: Reported HIV diagnoses, age 13 years or older as of December 31st of the specified year, without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Reported AIDS Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial AIDS diagnosis during the specified year.

Adult/Adolescent Reported HIV Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial HIV diagnosis during the specified year.

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older as of December 31st of the specified year, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Age at AIDS Diagnosis: Age group at time of initial AIDS diagnosis.

Age at HIV Diagnosis: Age group at time of initial HIV diagnosis.

Age on [date]: Age group of living cases on the specified date.

AIDS Deaths: Reported HIV diagnoses with an AIDS diagnosis that have died due to any cause.

CD4 Result Distribution (<200, 200-349, 350-499, 500+): Percent of cases with a CD4 test distributed by their CD4 count results (cells per microliter).

CD4 With Test: Number and percent of adult/adolescent total living HIV cases with a recent CD4 test result.

Corrections: Residence in a state or federal prison. Does not include local jails and detention centers.

Current Residence: Jurisdiction of residence from the most recent report since January 1, 2009.

First CD4 Test Result Median Count: Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.

First CD4 Test Result Percent: Percent of adult/adolescent reported HIV diagnoses with the first CD4 test result reported within 12 months following the initial HIV diagnosis.

Gender Expression: people's outward presentation of their gender which may or may not conform to socially defined behaviors and characteristics typically associated with being either masculine or feminine.

Gender Identity: refers to one's internal understanding of one's own gender, or the gender with which a person identifies.

Jurisdiction of Current Residence: Jurisdiction of residence from the most recent report since January 1, 2009.

Jurisdiction of Residence: Jurisdiction of residence at diagnosis or current residence.

Jurisdiction of Residence at AIDS Diagnosis: Jurisdiction of residence at time of initial AIDS diagnosis.

Jurisdiction of Residence at Diagnosis: Jurisdiction of residence at the later time of initial HIV diagnosis or time of initial AIDS diagnosis.

Jurisdiction of Residence at HIV Diagnosis: Jurisdiction of residence at time of initial HIV diagnosis.

Late HIV Diagnosis: Percent of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis.

Linked to Care: Percent of adult/adolescent reported HIV diagnoses with a reported CD4 or viral load test performed less than or equal to 1 month or 3 months after their initial HIV diagnosis.

Living HIV Cases with AIDS: Reported HIV diagnoses with an AIDS diagnosis and not reported to have died as of December 31st of the specified year.

Living HIV Cases without AIDS: Reported HIV diagnoses without an AIDS diagnosis and not reported to have died as of December 31st of the specified year.

Mean Years from HIV Diagnosis: Mean or average number of years from initial HIV diagnosis to initial AIDS diagnosis for cases with a reported AIDS diagnosis.

Mean Years from AIDS diagnosis to AIDS Death: Mean or average number of years from initial AIDS diagnosis to death for adult/adolescent reported AIDS diagnoses with a reported death.

Median Count: Median CD4 count (cells per microliter), among adult/adolescent total living HIV cases, of the most recent CD4 test result measured in the specified year.

Median Unsuppressed: Median unsuppressed viral load (copies per milliliter) among adult/adolescent living HIV cases with the most recent viral load test result measured in the specified year of 200 copies per milliliter or greater.

Pediatric Total Living HIV Cases: Reported HIV diagnosis, age less than 13 years at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Percent Change: The percent change in number of adult/adolescent total living HIV cases from residence at diagnosis to current residence.

Percent Alive by Years after AIDS Diagnosis: Percent of adult/adolescent reported AIDS diagnoses not reported to have died at 1 year, 2 years, 5 years and 10 years after initial AIDS diagnosis, by year of AIDS diagnosis.

Percent Late HIV Diagnosis: Percent of adult/adolescent reported AIDS diagnoses with an initial HIV diagnosis less than or equal to 12 months prior to their initial AIDS diagnosis.

Percent Suppressed: Percent of adult/adolescent total living HIV cases with a recent viral load test result measured in the specified year of less than 200 copies per milliliter.

Percent Living with AIDS: The percent of reported HIV diagnoses with an AIDS diagnosis not reported to have died as of December 31st of the specified year

Percent with AIDS by Years after HIV Diagnosis: Percent of adult/adolescent reported HIV diagnoses in the specified year with an initial AIDS diagnosis at 1 year, 2 years, 5 years and 10 years after HIV diagnosis.

Population: Population estimate for July 1, 2017.

Population Age 13+: Population age 13 years or older, estimate for July 1, 2017.

Rate: Number of HIV cases divided by the population and multiplied by 100,000.

Ratio (1 in X): Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

Recent CD4 Test Result: The most recent CD4 test result measured in the specified year.

Recent Viral Load Test Result: The most recent viral load test result measured in the specified year.

Reported AIDS Deaths: Reported HIV diagnoses with an AIDS diagnosis, reported to have died of any cause during the specified year.

Reported AIDS Diagnoses: Reported HIV diagnoses with an initial AIDS diagnosis during the specified year.

Reported HIV Diagnoses: Reported HIV diagnoses with an initial HIV diagnosis during the specified year.

Residence at Diagnosis: Jurisdiction of residence at later time of initial HIV diagnosis or initial AIDS diagnosis.

Retained in HIV Care: HIV diagnosed with a reported CD4 or viral load test result performed or reported antiretroviral use in the specified year.

Suppressed Viral Load: HIV Diagnosed with the most recent viral load measured in the specified year of less than 200 copies per milliliter.

Total Living HIV Cases: Reported HIV diagnoses with or without an AIDS diagnosis and not reported to have died as of December 31st of the specified year.

Transgender Female: A person whose sex assigned at birth is male but whose gender identity is female.

Transgender Male: A person whose sex assigned at birth is female but whose gender identity is male.

Another Gender Identity: Additional gender identities or gender expressions.

Viral Load With Test: Number and percent of adult/adolescent total living HIV cases with a recent viral load test result.